



# CDC-X927M YUC(ST)

376315150

892498299



# SERVICE MANUAL

STEREO CAR CD RECEIVER

BASIC CD MECHANISM : BZG-3 CNF

This Service Manual is The "Revision Publishing" and replaces "Simple Manual"  
(S/M Code No. 09-023-455-0T1)

# aiwa

S/M Code No. 09-023-455-0R1

REVISION  
DATA

SPECIFICATION -1/1

**RADIO SECTION**

**(FM)**

Frequency Range:	87.5 MHz - 108 MHz
Usable Sensitivity:	12.7 dBf
50 dB Quieting Sensitivity:	17.2 dBf
IF Rejection:	100 dB
Frequency Response:	30 Hz - 15,000 Hz
S/N Ratio:	70 dB
Stereo Separation:	35 dB at 1 kHz
Alternate Channel Selectivity:	90 dB
Capture Ratio:	3 dB

**(AM)**

Frequency Range:	530 kHz - 1,710 kHz
Usable Sensitivity:	30 $\mu$ V (30 dB)

**CD SECTION**

Frequency Response:	17 Hz - 20 kHz +0/-3 dB
Dynamic Range:	More than 92 dB
Channel Separation:	More than 60 dB
S/N Ratio:	More than 90 dB
Wow/Flutter:	Unmeasurable

**AUDIO SECTION**

Max. Power Output:	45 W x 4 channels
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**AUX IN input**

Input sensitivity (load impedance) AUX IN:	300 mV (10 k $\Omega$ )
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**GENERAL**

Power-Supply Voltage:	14.4 V (11 to 16 V allowable), DC, negative ground
Load Impedance:	4 $\Omega$
Tone Control:	Bass $\pm$ 10 dB at 100 Hz, Treble $\pm$ 10 dB at 10 kHz
Preamp Output Voltage (load impedance):	2.2 V (10 k $\Omega$ )
Installed size:	182 (W) x 53 (H) x 155 (D) mm (7 $\frac{1}{4}$ (W) x 2 $\frac{1}{8}$ (H) x 6 $\frac{1}{8}$ (D) inches)

**CARD REMOTE CONTROL**

Dimensions:	approx. 33 (W) x 85 (H) x 7.5 (D) mm (1 $\frac{5}{16}$ (W) x 3 $\frac{3}{8}$ (H) x $\frac{5}{16}$ (D) inches)
Weight:	approx. 20 g (0.7 oz.) (including battery)

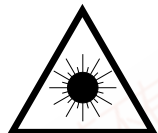
- Specifications and external appearance are subject to change without notice due to product improvement.

## PROTECTION OF EYES FROM LASER BEAM DURING SERVICING -1/1

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

### WARNING!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

### VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

### WARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvisning, kan användaren utsättas för osynlig laserstråling, som överskrider gränsen för laserklass 1.

### CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

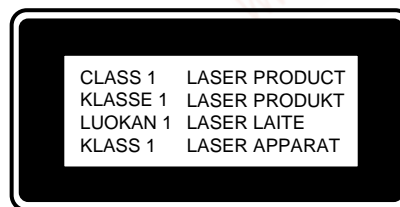
### ATTENTION

L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

### ADVARSEL!

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the rear exterior.

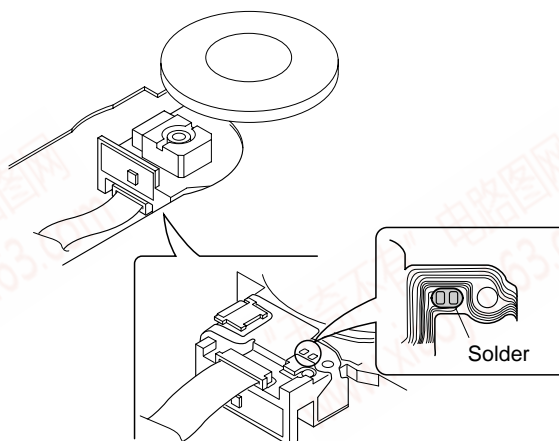


### Precaution to replace Optical block (PICK720)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

- 1) After the connection, remove solder shown in the right figure.

PICK-UP ASSY. P.C.B



### ACCESSORIES PARTS LIST -1/1

- ! =  $\Delta$  SAFETY PARTS
- C = Components marked

All components used on this model at the production line are shown in this service manual.  
 However, please note that not all components will be available as spare parts for after-sales service.  
 Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.  
 Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M
					YUCSTF
	O	AS1001	8C-KC4-901-010	IB, YUC(ESF)F X927M	a
	O	AS1002	8C-KCG-911-010	IB, INST YU/YUC/YL(ESFP)F	a
	O	AS1003	87-B10-141-010	NUT, 5 TYPE-2	a
	O	AS1004	87-B10-143-010	UT1+5-15 W/O SLOT	a
	O	AS1005	87-B10-144-010	W, 5.2-10-0.5	a
	O	AS1006	87-B10-145-010	W-SPR, 5.3-8.5-1.5	a
	O	AS1007	8C-KCG-651-010	RC UNIT, CD1B	a
	O	AS1008	8Z-KC1-231-110	HLDR, HALF -C	a
	O	AS1009	8Z-KC1-232-010	KEY, REMOVE -C	a
	O	AS1010	8Z-KC1-235-010	HLDR, REAR MTG	a
	O	AS1011	8Z-KC1-244-010	S-SCREW, 5*6 TH+ TAPPING ST	a
	O	AS1012	8Z-KC1-250-010	S-SCREW, HEXAGON	a
	O	AS1013	8C-KCG-631-010	CONN ASSY, 16P RENEWVERSION	a

TEL: 13942296513 QQ: 376315150 892498299

TEL: 13942296513 QQ: 376315150 892498299

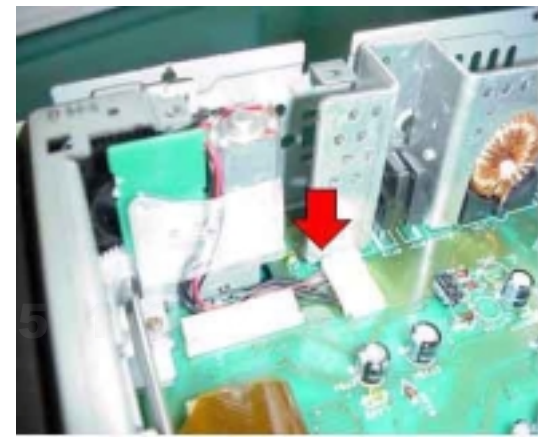
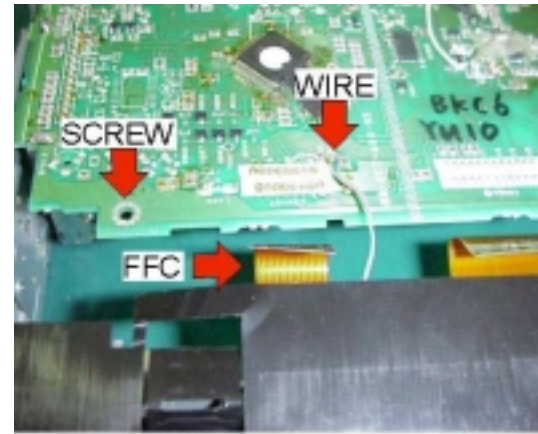
DISASSEMBLY INSTRUCTION - 1/2

DISASSEMBLY PROCEDURE

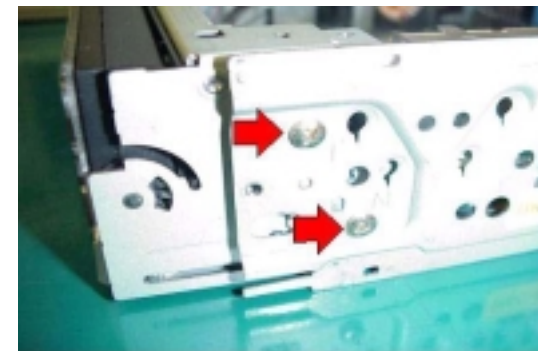
- 1) Remove top and bottom cover.
- 2) Remove CD mechanism.
- 3) Remove FFC.
- 4) Remove wire solder.
- 5) Remove the screw of MAIN BOARD.

Notes

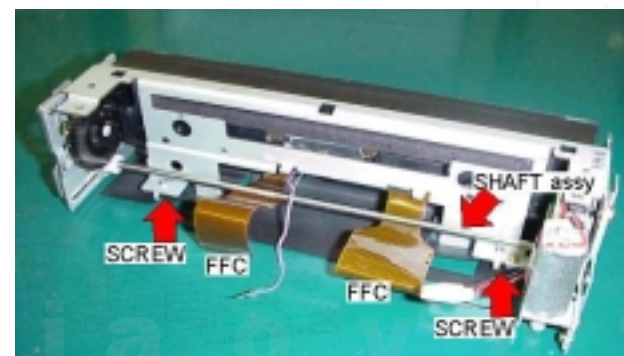
- 6) Remove the connector of the motor.



- 7) Remove CABI BASE AROUND and remove the screw of FRAME SUB assy right and left.



- 8) Move FRONT PANEL assy.



Each FFC should be passed the bottom of SHAFT Assy.

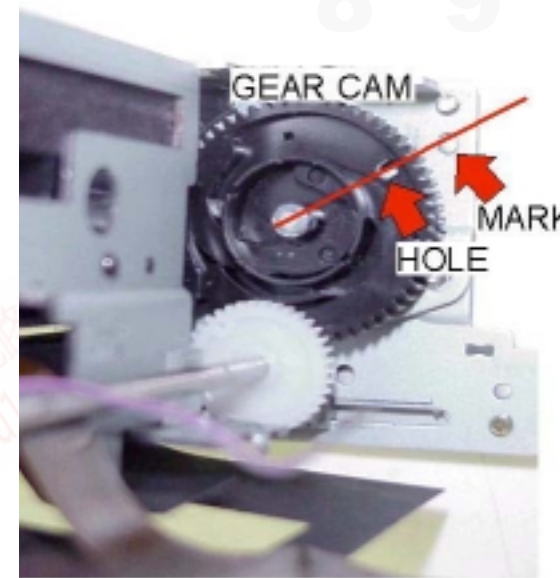


DISASSEMBLY INSTRUCTION - 1/2

9) Remove MOTOR assy.



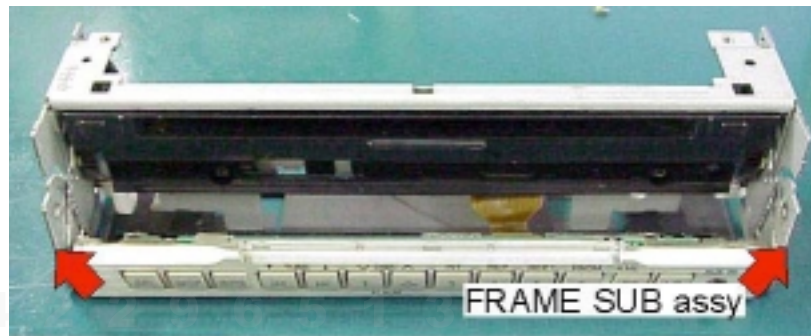
Reassemble MOTOR assy at the position that is arranged with hole of GEAR CAM and hole of FRAME SUB assy like the figure)



10) Remove FRONT assy.

11) Remove Panel SW assy.

(Extend FRAME SUB assy lightly and remove it at front side)

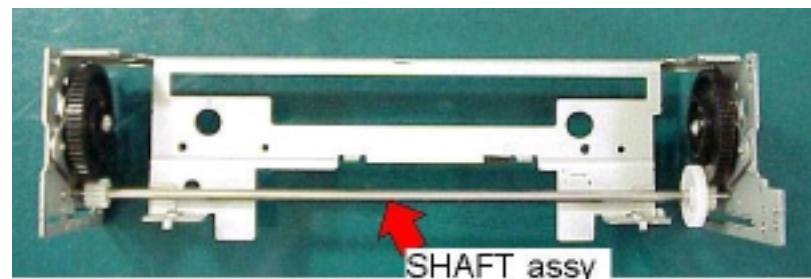
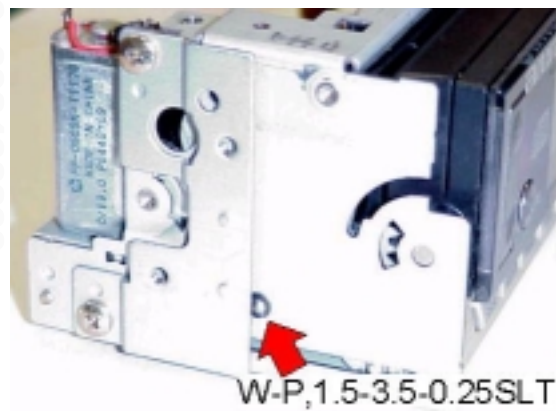


Put the tip of a lever Assy gear at between the marks of GEAR CAM and reassemble FRONT assy.  
(Extend FRAME SUB assy lightly.)

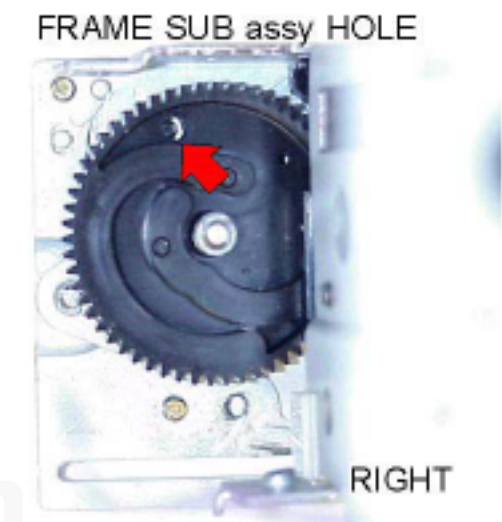
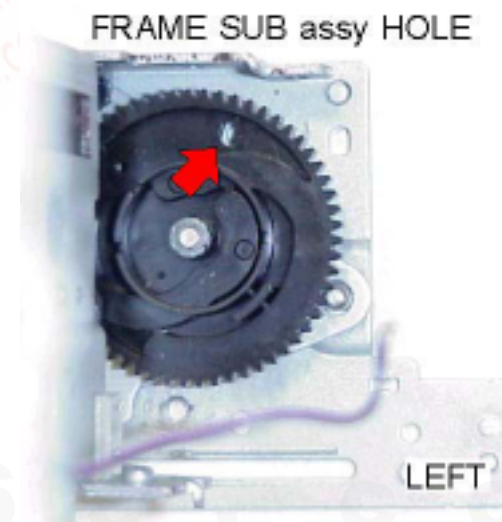


12) Remove SHAFT assy.

(Remove the washer. See figure)



Put GEAR CAM at the position that hole of FRAME SUB assy can be seen from the left and right side hole of GEAR CAM, and reassemble SHAFT assy.



ELECTRICAL PARTS LIST - 1/10

! = SAFETY PARTS  
C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
CD	O C	0201	87-010-552-040	CAP,E 22-16 M 5L SRE	a
CD	O C	0202	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0203	87-A10-189-040	CAP,E 220-10 M 5L	a
CD	O C	0221	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0222	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0223	87-012-337-080	C-CAP,U 56P-50 J CH GRM	a
CD	O C	0224	87-012-162-080	C-CAP,U 1P-50 C CH GRM	a
CD	O C	0225	87-A10-260-080	C-CAP,U 0.1-16 K B	a
CD	O C	0226	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0227	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0228	87-A10-260-080	C-CAP,U 0.1-16 K B	a
CD	O C	0229	87-A10-353-080	C-CAP,U 0.22-10 K B	a
CD	O C	0230	87-A10-353-080	C-CAP,U 0.22-10 K B	a
CD	O C	0232	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0233	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0234	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0235	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0237	87-012-285-080	C-CAP,U 8200P-50 K B GRM	a
CD	O C	0241	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0242	87-010-555-040	CAP,E 100-10 M 5L SRE	a
					CDC-X927M YUCSTF
CD	O C	0245	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
CD	O C	0246	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
CD	O C	0247	87-A10-504-080	C-CAP,U 0.047-16 K B	a
CD	O C	0248	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0250	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0251	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0252	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
CD	O C	0253	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
CD	O C	0254	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
CD	O C	0258	87-A10-504-080	C-CAP,U 0.047-16 K B	a
CD	O C	0259	87-A10-504-080	C-CAP,U 0.047-16 K B	a
CD	O C	0260	87-A10-504-080	C-CAP,U 0.047-16 K B	a
CD	O C	0261	87-012-282-080	C-CAP,U 4700P-50 K B GRM	a
CD	O C	0262	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a
CD	O C	0263	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0264	87-010-785-080	C-CAP,U 0.015-25 K B GRM	a
CD	O C	0265	87-010-553-040	CAP,E 47-16 M 5L SRE	a
CD	O C	0268	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a
CD	O C	0269	87-010-553-040	CAP,E 47-16 M 5L SRE	a
CD	O C	0270	87-010-553-040	CAP,E 47-16 M 5L SRE	a
					CDC-X927M YUCSTF
CD	O C	0271	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CD	O C	0272	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
CD	O C	0273	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a
CD	O C	0274	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a
CD	O C	0276	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0278	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0279	87-A10-260-080	C-CAP,U 0.1-16 K B	a
CD	O C	0281	87-012-275-080	C-CAP,U 1200P-50 K B GRM	a
CD	O C	0282	87-012-275-080	C-CAP,U 1200P-50 K B GRM	a
CD	O C	0283	87-010-498-040	CAP,E 10-16 M 5L SRE	a
CD	O C	0284	87-010-498-040	CAP,E 10-16 M 5L SRE	a
CD	O C	0298	87-010-555-040	CAP,E 100-10 M 5L SRE	a
CD	O C	0299	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
CD	O	CON0201	87-A61-220-080	C-CONN,20P H 52271-2090	a
CD	O	FFC0201	8C-KCG-661-010	FF-CABLE,20P 1.0 90MM	a
CD	S IC	0201	87-A22-080-040	C-IC,LA6557H	a
CD	S IC	0221	87-A22-081-040	C-IC,TA2153FN	a
CD	S IC	0241	8C-ZA5-611-030	C-IC,TC94A09F-301	a
CD	X JR	0102	88-108-000-080	C-JUMPER,U	a
CD	X JR	0201	88-108-000-080	C-JUMPER,U	a
					CDC-X927M YUCSTF
CD	X JR	0203	88-108-000-080	C-JUMPER,U	a
CD	O L	0221	87-003-102-080	COIL,10UH J LAL02	a
CD	O L	0241	87-003-143-080	COIL,4.7UH K LAL02	a
CD	O L	0242	87-003-143-080	COIL,4.7UH K LAL02	a
CD	S Q	0201	87-A30-299-080	TR,2SB1326	a
CD	S Q	0202	87-A30-287-040	C-TR,DTC114TKA	a
CD	S Q	0221	87-A30-289-040	C-TR,2SA1037AK(Q)	a
CD	X R	0201	88-108-000-080	C-JUMPER,U	a
CD	X R	0202	88-108-683-080	C-RES,U 68K-1/16W J	a
CD	O R	0203	88-108-822-080	C-RES,U 8.2K-1/16W J	a
CD	O R	0204	88-108-822-080	C-RES,U 8.2K-1/16W J	a
CD	X R	0205	88-108-000-080	C-JUMPER,U	a
CD	X R	0206	88-108-561-080	C-RES,U 560-1/16W J	a
CD	X R	0207	88-108-000-080	C-JUMPER,U	a
CD	O R	0208	88-108-101-080	C-RES,U 100-1/16W J	a
CD	O R	0209	88-108-562-080	C-RES,U 5.6K-1/16W J	a
CD	X R	0210	88-108-000-080	C-JUMPER,U	a
CD	X R	0211	88-108-820-080	C-RES,U 82-1/16W J	a
CD	X R	0212	88-108-393-080	C-RES,U 39K-1/16W J	a
CD	X R	0213	88-108-000-080	C-JUMPER,U	a



ELECTRICAL PARTS LIST - 2/10

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					CDC-X927M YUCSTF
CD	X R	0214	88-108-000-080	C-JUMPER,U	a
CD	X R	0215	88-108-154-080	C-RES,U 150K-1/16W J	a
CD	O R	0221	88-108-102-080	C-RES,U 1K-1/16W J	a
CD	X R	0222	88-108-683-080	C-RES,U 68K-1/16W J	a
CD	O R	0223	88-108-473-080	C-RES,U 47K-1/16W J	a
CD	X R	0224	88-108-222-080	C-RES,U 2.2K-1/16W J	a
CD	X R	0225	88-108-221-080	C-RES,U 220-1/16W J	a
CD	X R	0226	88-108-000-080	C-JUMPER,U	a
CD	X R	0227	88-108-104-080	C-RES,U 100K-1/16W J	a
CD	O R	0228	88-108-103-080	C-RES,U 10K-1/16W J	a
CD	O R	0229	88-108-103-080	C-RES,U 10K-1/16W J	a
CD	O R	0230	88-108-103-080	C-RES,U 10K-1/16W J	a
CD	O R	0231	88-108-563-080	C-RES,U 56K-1/16W J	a
CD	O R	0232	88-108-563-080	C-RES,U 56K-1/16W J	a
CD	O R	0233	88-108-563-080	C-RES,U 56K-1/16W J	a
CD	O R	0234	88-108-563-080	C-RES,U 56K-1/16W J	a
CD	X R	0235	88-108-273-080	C-RES,U 27K-1/16W J	a
CD	X R	0236	88-108-273-080	C-RES,U 27K-1/16W J	a
CD	X R	0237	88-108-683-080	C-RES,U 68K-1/16W J	a
CD	O R	0238	88-108-102-080	C-RES,U 1K-1/16W J	a
					CDC-X927M YUCSTF
CD	X R	0239	88-108-000-080	C-JUMPER,U	a
CD	X R	0240	88-118-100-080	C-RES,S 10-1/10W J	a
CD	O R	0241	88-108-101-080	C-RES,U 100-1/16W J	a
CD	X R	0243	88-108-000-080	C-JUMPER,U	a
CD	X R	0244	88-108-333-080	C-RES,U 33K-1/16W J	a
CD	X R	0245	88-108-474-080	C-RES,U 470K-1/16W J	a
CD	O R	0246	88-108-473-080	C-RES,U 47K-1/16W J	a
CD	O R	0247	88-108-103-080	C-RES,U 10K-1/16W J	a
CD	O R	0249	88-108-102-080	C-RES,U 1K-1/16W J	a
CD	O R	0250	88-108-102-080	C-RES,U 1K-1/16W J	a
CD	X R	0251	88-108-000-080	C-JUMPER,U	a
CD	O R	0253	88-108-103-080	C-RES,U 10K-1/16W J	a
CD	X R	0254	88-108-474-080	C-RES,U 470K-1/16W J	a
CD	X R	0255	88-108-474-080	C-RES,U 470K-1/16W J	a
CD	X R	0256	88-108-104-080	C-RES,U 100K-1/16W J	a
CD	X R	0281	88-108-222-080	C-RES,U 2.2K-1/16W J	a
CD	X R	0282	88-108-222-080	C-RES,U 2.2K-1/16W J	a
CD	X R	0298	88-108-472-080	C-RES,U 4.7K-1/16W J	a
CD	X R	0299	88-108-472-080	C-RES,U 4.7K-1/16W J	a
CD	O X	0241	87-A70-376-080	VIB,CER 16.934MHZ CSTLS16M9X55	a
					CDC-X927M YUCSTF
FRONT	O C	0602	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
FRONT	O C	0603	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
FRONT	O C	0604	87-A10-504-080	C-CAP,U 0.047-16 K B	a
FRONT	O C	0605	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a
FRONT	O C	0606	87-A10-504-080	C-CAP,U 0.047-16 K B	a
FRONT	O C	0607	87-A10-504-080	C-CAP,U 0.047-16 K B	a
FRONT	O C	0608	87-A10-504-080	C-CAP,U 0.047-16 K B	a
FRONT	O C	0609	87-A10-504-080	C-CAP,U 0.047-16 K B	a
FRONT	O C	0610	87-A10-047-080	C-CAP,U 1-10 Z F	a
FRONT	O C	0611	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
FRONT	O C	0612	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
FRONT	O C	0613	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
FRONT	O C	0614	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
FRONT	O C	0615	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
FRONT	O C	0617	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
FRONT	O C	0619	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0620	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O CONN	0601	87-A61-585-080	C-CONN,24P H 54548-2490	a
FRONT	S D	0601	87-A40-250-040	C-DIODE,DAN217	a
FRONT	S D	0602	87-A40-817-040	C-ZENER,STZ6.8N	a
					CDC-X927M YUCSTF
FRONT	S D	0603	87-A40-817-040	C-ZENER,STZ6.8N	a
FRONT	S IC	0601	87-A21-532-030	C-IC,LC75817W-8720	a
FRONT	O IC	0602	87-A90-951-010	RCR UNIT,SBX1971-52	a
FRONT	O LCD	0601	8C-KC4-620-010	LCD,CKC-4	a
FRONT	O LED	0601	87-A91-355-040	C-LED,BR1112H-TR-RED	a
FRONT	O LED	0602	87-A91-355-040	C-LED,BR1112H-TR-RED	a
FRONT	O LED	0603	87-A91-355-040	C-LED,BR1112H-TR-RED	a
FRONT	O LED	0604	87-A91-355-040	C-LED,BR1112H-TR-RED	a
FRONT	O LED	0605	87-A41-085-010	LED,NSPW315BS WHT	a
FRONT	O LED	0606	87-A91-355-040	C-LED,BR1112H-TR-RED	a
FRONT	O LED	0607	87-A91-355-040	C-LED,BR1112H-TR-RED	a
FRONT	O LED	0608	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a
FRONT	O LED	0609	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a
FRONT	S Q	0610	89-324-122-040	C-TR,2SC2412KR	a
FRONT	S Q	0611	87-A30-287-040	C-TR,DTC114TKA	a
FRONT	S Q	0612	89-324-122-040	C-TR,2SC2412KR	a
FRONT	O R	0601	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0602	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0603	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0604	88-108-102-080	C-RES,U 1K-1/16W J	a



ELECTRICAL PARTS LIST - 3/10

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
FRONT	X R	0605	88-108-333-080	C-RES,U 33K-1/16W J	a
FRONT	O R	0606	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0607	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0608	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0609	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0610	88-108-332-080	C-RES,U 3.3K-1/16W J	a
FRONT	X R	0611	88-118-331-080	C-RES,S 330-1/10W J	a
FRONT	O R	0612	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	X R	0613	88-108-180-080	C-RES,U 18-1/16W J	a
FRONT	O R	0614	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	X R	0615	88-118-681-080	C-RES,S 680-1/10W J	a
FRONT	X R	0616	88-118-681-080	C-RES,S 680-1/10W J	a
FRONT	X R	0617	88-118-221-080	C-RES,S 220-1/10W J	a
FRONT	O R	0618	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0619	88-108-223-080	C-RES,U 22K-1/16W J	a
FRONT	X R	0620	88-118-681-080	C-RES,S 680-1/10W J	a
FRONT	O R	0621	88-108-223-080	C-RES,U 22K-1/16W J	a
FRONT	X R	0622	88-118-331-080	C-RES,S 330-1/10W J	a
FRONT	X R	0623	88-118-331-080	C-RES,S 330-1/10W J	a
FRONT	O R	0624	88-108-473-080	C-RES,U 47K-1/16W J	a
					CDC-X927M YUCSTF
FRONT	O R	0625	88-108-473-080	C-RES,U 47K-1/16W J	a
FRONT	X R	0626	88-108-152-080	C-RES,U 1.5K-1/16W J	a
FRONT	O SW	0601	87-A90-001-080	C-SW,TACT SKQMAL	a
FRONT	O SW	0602	87-A90-001-080	C-SW,TACT SKQMAL	a
FRONT	O SW	0603	87-A90-001-080	C-SW,TACT SKQMAL	a
FRONT	O SW	0604	87-A90-001-080	C-SW,TACT SKQMAL	a
FRONT	O SW	0620	87-A90-001-080	C-SW,TACT SKQMAL	a
FRONT	O SW	0621	87-A92-330-010	SW,RTRY SRP-1211VE	a
JACK	O J	0601	87-A61-753-010	JACK,3.6 BLK HSJ1494-01 -020	a
KEY	O C	0616	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
KEY	O C	0618	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
KEY	O	CON0603	87-A61-586-080	C-CONN,16P V FLZT-SM1	a
KEY	O L	0601	87-005-906-080	C-COIL,S 10UH K LK2125	a
KEY	O L	0602	87-005-906-080	C-COIL,S 10UH K LK2125	a
KEY	O	LED0611	87-A91-355-040	C-LED,BR1112H-TR-RED	a
KEY	O	LED0612	87-A91-355-040	C-LED,BR1112H-TR-RED	a
KEY	O	LED0613	87-A91-355-040	C-LED,BR1112H-TR-RED	a
KEY	O	LED0614	87-A91-355-040	C-LED,BR1112H-TR-RED	a
KEY	O	LED0615	87-A91-355-040	C-LED,BR1112H-TR-RED	a
KEY	O	LED0616	87-A91-355-040	C-LED,BR1112H-TR-RED	a
					CDC-X927M YUCSTF
KEY	O	LED0617	87-A91-355-040	C-LED,BR1112H-TR-RED	a
KEY	O	LED0618	87-A91-355-040	C-LED,BR1112H-TR-RED	a
KEY	O	LED0619	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a
KEY	O	LED0620	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a
KEY	O	LED0621	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a
KEY	S Q	0614	87-A30-287-040	C-TR,DTC114TKA	a
KEY	S Q	0615	89-324-122-040	C-TR,2SC2412KR	a
KEY	S Q	0616	87-A30-287-040	C-TR,DTC114TKA	a
KEY	X R	0651	88-118-471-080	C-RES,S 470-1/10W J	a
KEY	X R	0652	88-118-681-080	C-RES,S 680-1/10W J	a
KEY	X R	0653	88-118-331-080	C-RES,S 330-1/10W J	a
KEY	X R	0654	88-118-331-080	C-RES,S 330-1/10W J	a
KEY	X R	0655	88-118-331-080	C-RES,S 330-1/10W J	a
KEY	X R	0656	88-118-331-080	C-RES,S 330-1/10W J	a
KEY	O R	0657	88-108-103-080	C-RES,U 10K-1/16W J	a
KEY	O SW	0606	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0607	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0608	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0609	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0610	87-A91-780-180	C-SW,TACT LS15B3T	a
					CDC-X927M YUCSTF
KEY	O SW	0611	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0612	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0613	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0614	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0615	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0616	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0617	87-A91-780-180	C-SW,TACT LS15B3T	a
KEY	O SW	0618	87-A91-780-180	C-SW,TACT LS15B3T	a
LED	O	FFC0731	8B-KC1-603-010	F-CABLE,2P (PWB LED)	a
LED	O	LED0731	87-A40-228-010	LED,SLR-342MG T31 GREEN	a
MAIN	O	ANT0101	8Z-KT1-614-010	ANT,AW-002	a
MAIN	O C	0101	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
MAIN	O C	0102	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0103	87-012-282-080	C-CAP,U 4700P-50 K B GRM	a
MAIN	O C	0104	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0105	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
MAIN	O C	0106	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
MAIN	O C	0107	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
MAIN	O C	0108	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0109	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a

ELECTRICAL PARTS LIST - 4/10

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
MAIN	O C	0110	87-012-281-080	C-CAP,U 3900P-50 K B GRM	a
MAIN	O C	0111	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0112	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0113	87-010-555-040	CAP,E 100-10 M 5L SRE	a
MAIN	O C	0114	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0115	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0116	87-010-495-040	CAP,E 2.2-50 M 5L SRE	a
MAIN	O C	0117	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0118	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0123	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0125	87-A11-228-080	C-CAP,U 0.027-25 K B	a
MAIN	O C	0126	87-A11-228-080	C-CAP,U 0.027-25 K B	a
MAIN	O C	0127	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0128	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0132	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0401	87-A11-062-080	C-CAP,S 2.2-16 Z F	a
MAIN	O C	0402	87-A11-062-080	C-CAP,S 2.2-16 Z F	a
MAIN	O C	0403	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0404	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0405	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a
					CDC-X927M YUCSTF
MAIN	O C	0406	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a
MAIN	O C	0407	87-012-276-080	C-CAP,U 1500P-50 K B GRM	a
MAIN	O C	0408	87-012-276-080	C-CAP,U 1500P-50 K B GRM	a
MAIN	O C	0409	87-A11-062-080	C-CAP,S 2.2-16 Z F	a
MAIN	O C	0410	87-A11-062-080	C-CAP,S 2.2-16 Z F	a
MAIN	O C	0411	87-010-786-080	C-CAP,U 0.018-25 K B GRM	a
MAIN	O C	0412	87-010-786-080	C-CAP,U 0.018-25 K B GRM	a
MAIN	O C	0413	87-A10-781-080	C-CAP,U 0.15-10 K B	a
MAIN	O C	0414	87-A10-781-080	C-CAP,U 0.15-10 K B	a
MAIN	O C	0415	87-A10-781-080	C-CAP,U 0.15-10 K B	a
MAIN	O C	0416	87-A10-781-080	C-CAP,U 0.15-10 K B	a
MAIN	O C	0417	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0418	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0419	87-012-280-080	C-CAP,U 3300P-50 K B GRM	a
MAIN	O C	0420	87-012-280-080	C-CAP,U 3300P-50 K B GRM	a
MAIN	O C	0421	87-A11-070-080	C-CAP,U 0.033-16 K B	a
MAIN	O C	0422	87-A11-070-080	C-CAP,U 0.033-16 K B	a
MAIN	O C	0423	87-010-555-040	CAP,E 100-10 M 5L SRE	a
MAIN	O C	0424	87-010-497-040	CAP,E 4.7-35 M 5L SRE	a
MAIN	O C	0426	87-010-552-040	CAP,E 22-16 M 5L SRE	a
					CDC-X927M YUCSTF
MAIN	O C	0427	87-010-555-040	CAP,E 100-10 M 5L SRE	a
MAIN	O C	0428	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0429	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0435	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0436	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0437	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0438	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0439	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0441	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0442	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0443	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0444	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0445	87-010-491-040	CAP,E 0.22-50 M 5L SRE	a
MAIN	O C	0446	87-010-491-040	CAP,E 0.22-50 M 5L SRE	a
MAIN	O C	0453	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0454	87-010-498-040	CAP,E 10-16 M 5L SRE	a
MAIN	O C	0457	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
MAIN	O C	0458	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
MAIN	O C	0461	87-012-281-080	C-CAP,U 3900P-50 K B GRM	a
MAIN	O C	0501	87-010-495-040	CAP,E 2.2-50 M 5L SRE	a
					CDC-X927M YUCSTF
MAIN	O C	0502	87-010-495-040	CAP,E 2.2-50 M 5L SRE	a
MAIN	O C	0503	87-010-495-040	CAP,E 2.2-50 M 5L SRE	a
MAIN	O C	0504	87-010-495-040	CAP,E 2.2-50 M 5L SRE	a
MAIN	O C	0505	87-012-271-080	C-CAP,U 560P-50 K B GRM	a
MAIN	O C	0506	87-012-271-080	C-CAP,U 560P-50 K B GRM	a
MAIN	O C	0507	87-012-271-080	C-CAP,U 560P-50 K B GRM	a
MAIN	O C	0508	87-012-271-080	C-CAP,U 560P-50 K B GRM	a
MAIN	O C	0509	87-A12-390-080	C-CAP,S 1-25 Z F GRM40	a
MAIN	O C	0510	87-010-553-040	CAP,E 47-16 M 5L SRE	a
MAIN	O C	0511	87-012-368-080	C-CAP,S 0.1-50 Z F GRM	a
MAIN	O C	0512	87-012-368-080	C-CAP,S 0.1-50 Z F GRM	a
MAIN	O C	0513	87-012-368-080	C-CAP,S 0.1-50 Z F GRM	a
MAIN	O C	0514	87-012-368-080	C-CAP,S 0.1-50 Z F GRM	a
MAIN	O C	0518	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0519	87-010-497-040	CAP,E 4.7-35 M 5L SRE	a
MAIN	O C	0520	87-012-368-080	C-CAP,S 0.1-50 Z F GRM	a
MAIN	O C	0521	87-012-368-080	C-CAP,S 0.1-50 Z F GRM	a
MAIN	O C	0522	87-010-552-040	CAP,E 22-16 M 5L SRE	a
MAIN	O C	0525	8A-KC7-623-000	CAP,E 2200-16 125 BT	a
MAIN	O C	0531	87-012-368-080	C-CAP,S 0.1-50 Z F GRM	a

ELECTRICAL PARTS LIST - 5/10

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					CDC-X927M YUCSTF
MAIN	O C	0701	87-010-495-040	CAP,E 2.2-50 M 5L SRE	a
MAIN	O C	0702	87-010-495-040	CAP,E 2.2-50 M 5L SRE	a
MAIN	O C	0705	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0707	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0721	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	a
MAIN	O C	0722	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0723	87-010-553-040	CAP,E 47-16 M 5L SRE	a
MAIN	O C	0724	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	a
MAIN	O C	0725	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0726	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0751	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0752	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0753	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
MAIN	O C	0754	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0755	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
MAIN	O C	0771	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0772	87-010-805-080	C-CAP,S 1-16 Z F GRM	a
MAIN	O C	0801	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0802	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0811	87-010-553-040	CAP,E 47-16 M 5L SRE	a
					CDC-X927M YUCSTF
MAIN	O C	0812	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
MAIN	O C	0813	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0814	87-010-553-040	CAP,E 47-16 M 5L SRE	a
MAIN	O C	0821	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0822	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
MAIN	O C	0831	87-010-553-040	CAP,E 47-16 M 5L SRE	a
MAIN	O C	0832	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0834	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0838	87-A12-390-080	C-CAP,S 1-25 Z F GRM40	a
MAIN	O C	0901	87-012-172-080	C-CAP,U 10P-50 D CH GRM	a
MAIN	O C	0902	87-012-172-080	C-CAP,U 10P-50 D CH GRM	a
MAIN	O C	0903	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O C	0904	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O C	0906	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0907	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0908	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0910	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0915	87-016-039-090	CAP,DL 0.022F-5.5 Z 70 FM	a
MAIN	O C	0971	87-A12-307-080	C-CAP,S 0.1-50 K B	a
MAIN	O C	0972	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
					CDC-X927M YUCSTF
MAIN	O C	0981	87-A10-260-080	C-CAP,U 0.1-16 K B	a
MAIN	O	CON0701	87-A61-584-010	CONN,24P H 52089-2420	a
MAIN	O	CON0702	87-A61-583-010	CONN,16P H 52089-1620	a
MAIN	O	CON0721	87-A60-670-010	CONN,6P H 2MM JMT	a
MAIN	O	CON0771	87-A61-219-010	CONN,20P H 52089-2020	a
MAIN	O	CON0801	8Z-KT1-624-010	CONN,16P SOC017	a
MAIN	S D	0101	87-A40-250-040	C-DIODE,DAN217	a
MAIN	S D	0421	87-017-365-040	C-DIODE,DA204U	a
MAIN	S D	0422	87-017-366-040	C-DIODE,DAN202U	a
MAIN	S D	0501	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0502	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0503	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0504	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0505	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0506	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0507	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0508	87-001-783-080	DIODE,1N4002	a
MAIN	S D	0509	87-020-465-080	DIODE,1SS133	a
MAIN	S D	0510	87-A40-650-080	ZENER,MTZJ6.8A	a
MAIN	S D	0531	87-070-334-080	ZENER,MTZJ10B	a
					CDC-X927M YUCSTF
MAIN	S D	0751	87-A40-817-040	C-ZENER,STZ6.8N	a
MAIN	S D	0752	87-A40-817-040	C-ZENER,STZ6.8N	a
MAIN	S D	0753	87-A40-817-040	C-ZENER,STZ6.8N	a
MAIN	S D	0801	87-A40-798-010	DIODE,1N5402 (3A/200V)	a
MAIN	S D	0811	87-A40-624-080	ZENER,MTZJ10A	a
MAIN	S D	0821	87-A40-344-080	ZENER,MTZJ6.2C	a
MAIN	S D	0822	87-017-367-040	C-DIODE,DAP202U	a
MAIN	S D	0831	87-A40-624-080	ZENER,MTZJ10A	a
MAIN	S D	0832	87-017-366-040	C-DIODE,DAN202U	a
MAIN	S D	0841	87-070-136-080	ZENER,MTZJ5.1B	a
MAIN	S D	0901	87-017-366-040	C-DIODE,DAN202U	a
MAIN	S D	0904	87-017-366-040	C-DIODE,DAN202U	a
MAIN	S D	0906	87-017-366-040	C-DIODE,DAN202U	a
MAIN	S D	0971	87-070-136-080	ZENER,MTZJ5.1B	a
MAIN	S D	0981	87-A40-620-080	ZENER,MTZJ6.2A	a
MAIN	S D	0982	87-070-136-080	ZENER,MTZJ5.1B	a
MAIN	! S F	0801	8B-KC1-621-010	FUSE,15A 32V	a
MAIN	S IC	0401	87-A22-225-030	C-IC,LA2657M	a
MAIN	S IC	0402	87-017-917-040	C-IC,BU4066BCF	a
MAIN	S IC	0501	87-A22-157-010	IC,LA4743J	a



ELECTRICAL PARTS LIST - 6/10

! = SAFETY PARTS  
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
MAIN	S IC	0721	87-A20-712-040	C-IC,BA6417F	a
MAIN	S IC	0901	8C-KC4-622-030	C-IC,UPD178076GF-560-3BA	a
MAIN	S IC	0971	88-KT1-606-080	IC,PST994D	a
MAIN	O J	0401	87-A61-225-110	JACK,PIN 2P XR-401	a
MAIN	O J	0751	8A-KC7-620-010	JACK,DIN 13P SKDS1302	a
MAIN	O L	0101	87-003-143-080	COIL,4.7UH K LAL02	a
MAIN	O L	0102	8Z-KT1-619-010	COIL,68MH K7-D	a
MAIN	O L	0451	87-003-102-080	COIL,10UH J LAL02	a
MAIN	O L	0701	87-003-102-080	COIL,10UH J LAL02	a
MAIN	O L	0702	87-005-906-080	C-COIL,S 10UH K LK2125	a
MAIN	O L	0721	87-005-121-080	COIL,2.2UH M LAL04	a
MAIN	O L	0801	8B-KCF-615-010	FLTR,AMORPHOUS -CHOKE	a
MAIN	O L	0901	87-005-906-080	C-COIL,S 10UH K LK2125	a
MAIN	S Q	0101	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0102	87-A30-143-040	C-TR,2SA1576A	a
MAIN	S Q	0103	87-A30-144-040	C-TR,2SC4081	a
MAIN	S Q	0105	87-A30-144-040	C-TR,2SC4081	a
MAIN	S Q	0106	87-A30-144-040	C-TR,2SC4081	a
MAIN	S Q	0405	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0406	87-A30-405-040	C-TR,DTC114TUA	a
					CDC-X927M YUCSTF
MAIN	S Q	0407	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0408	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0409	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0410	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0411	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0421	87-A30-144-040	C-TR,2SC4081	a
MAIN	S Q	0422	87-A30-385-040	C-TR,DTA114YUA	a
MAIN	S Q	0423	87-A30-144-040	C-TR,2SC4081	a
MAIN	S Q	0521	87-A30-294-040	C-TR,DTB123YK	a
MAIN	S Q	0731	87-A30-385-040	C-TR,DTA114YUA	a
MAIN	S Q	0751	87-A30-385-040	C-TR,DTA114YUA	a
MAIN	S Q	0752	87-A30-404-040	C-TR,DTC114YUA	a
MAIN	S Q	0811	89-213-750-010	TR,2SB1375	a
MAIN	S Q	0812	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	S Q	0813	89-420-120-010	TR,2SD2012	a
MAIN	O Q	0821	89-418-580-080	TR,2SD1858TV2	a
MAIN	S Q	0831	89-420-120-010	TR,2SD2012	a
MAIN	S Q	0832	87-A30-144-040	C-TR,2SC4081	a
MAIN	S Q	0833	87-A30-143-040	C-TR,2SA1576A	a
MAIN	S Q	0834	87-A30-405-040	C-TR,DTC114TUA	a
					CDC-X927M YUCSTF
MAIN	S Q	0901	87-A30-405-040	C-TR,DTC114TUA	a
MAIN	X R	0101	88-108-105-080	C-RES,U 1M-1/16W J	a
MAIN	O R	0102	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0103	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0104	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0105	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0106	88-108-181-080	C-RES,U 180-1/16W J	a
MAIN	O R	0107	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	X R	0108	88-108-821-080	C-RES,U 820-1/16W J	a
MAIN	O R	0109	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0110	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0111	88-108-333-080	C-RES,U 33K-1/16W J	a
MAIN	O R	0112	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0114	88-118-100-080	C-RES,S 10-1/10W J	a
MAIN	X R	0115	88-108-330-080	C-RES,U 33-1/16W J	a
MAIN	X R	0116	88-108-100-080	C-RES,U 10-1/16W J	a
MAIN	O R	0121	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0122	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	O R	0123	88-108-563-080	C-RES,U 56K-1/16W J	a
MAIN	X R	0124	88-121-563-080	RES,56K-1/8W J	a
					CDC-X927M YUCSTF
MAIN	X R	0126	88-108-334-080	C-RES,U 330K-1/16W J	a
MAIN	X R	0131	88-118-000-080	C-JUMPER,S	a
MAIN	X R	0132	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0133	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0401	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0402	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	O R	0403	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	O R	0404	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	X R	0405	88-108-392-080	C-RES,U 3.9K-1/16W J	a
MAIN	X R	0406	88-108-392-080	C-RES,U 3.9K-1/16W J	a
MAIN	O R	0407	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	O R	0408	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0409	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	X R	0410	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	X R	0411	88-108-333-080	C-RES,U 33K-1/16W J	a
MAIN	X R	0412	88-108-333-080	C-RES,U 33K-1/16W J	a
MAIN	X R	0413	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	X R	0414	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	X R	0415	88-118-470-080	C-RES,S 47-1/10W J	a
MAIN	X R	0418	88-108-104-080	C-RES,U 100K-1/16W J	a

ELECTRICAL PARTS LIST - 7/10

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
CDC-X927M					
YUCSTF					
MAIN	X R	0419	88-118-270-080	C-RES,S 27-1/10W J	a
MAIN	X R	0421	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0422	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0423	88-121-472-080	RES,4.7K-1/8W J	a
MAIN	X R	0424	88-108-105-080	C-RES,U 1M-1/16W J	a
MAIN	O R	0425	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0426	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0427	88-108-105-080	C-RES,U 1M-1/16W J	a
MAIN	O R	0428	88-108-562-080	C-RES,U 5.6K-1/16W J	a
MAIN	X R	0429	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	O R	0431	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0432	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0433	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0434	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0435	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	O R	0436	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	O R	0437	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	O R	0438	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	X R	0439	88-108-335-080	C-RES,U 3.3M-1/16W J	a
MAIN	X R	0440	88-108-335-080	C-RES,U 3.3M-1/16W J	a
CDC-X927M					
YUCSTF					
MAIN	O R	0441	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0442	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0443	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0444	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0446	88-108-000-080	C-JUMPER,U	a
MAIN	O R	0447	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0448	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0455	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0456	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0457	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0458	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0461	88-121-222-080	RES,2.2K-1/8W J	a
MAIN	X R	0462	88-108-122-080	C-RES,U 1.2K-1/16W J	a
MAIN	X R	0471	88-108-393-080	C-RES,U 39K-1/16W J	a
MAIN	X R	0472	88-108-393-080	C-RES,U 39K-1/16W J	a
MAIN	O R	0473	88-108-563-080	C-RES,U 56K-1/16W J	a
MAIN	O R	0474	88-108-563-080	C-RES,U 56K-1/16W J	a
MAIN	O R	0501	88-108-123-080	C-RES,U 12K-1/16W J	a
MAIN	O R	0502	88-108-123-080	C-RES,U 12K-1/16W J	a
MAIN	X R	0503	88-121-123-080	RES,12K-1/8W J	a
CDC-X927M					
YUCSTF					
MAIN	X R	0504	88-121-123-080	RES,12K-1/8W J	a
MAIN	X R	0505	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0506	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0507	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0508	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0509	88-108-684-080	C-RES,U 680K-1/16W J	a
MAIN	X R	0510	88-108-684-080	C-RES,U 680K-1/16W J	a
MAIN	X R	0511	88-108-684-080	C-RES,U 680K-1/16W J	a
MAIN	X R	0512	88-108-684-080	C-RES,U 680K-1/16W J	a
MAIN	X R	0513	88-121-822-080	RES,8.2K-1/8W J	a
MAIN	X R	0514	88-108-105-080	C-RES,U 1M-1/16W J	a
MAIN	O R	0522	87-A10-260-080	C-CAP,U 0.1-16 K B	a
MAIN	X R	0523	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0531	88-118-100-080	C-RES,S 10-1/10W J	a
MAIN	X R	0541	88-118-000-080	C-JUMPER,S	a
MAIN	X R	0542	88-118-000-080	C-JUMPER,S	a
MAIN	O R	0701	88-108-562-080	C-RES,U 5.6K-1/16W J	a
MAIN	O R	0702	88-108-562-080	C-RES,U 5.6K-1/16W J	a
MAIN	X R	0703	88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN	X R	0704	88-108-472-080	C-RES,U 4.7K-1/16W J	a
CDC-X927M					
YUCSTF					
MAIN	O R	0706	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0707	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0711	88-118-330-080	C-RES,S 33-1/10W J	a
MAIN	X R	0721	88-118-000-080	C-JUMPER,S	a
MAIN	O R	0722	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0723	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0724	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	O R	0725	88-108-123-080	C-RES,U 12K-1/16W J	a
MAIN	O R	0726	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0727	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	X R	0728	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0732	88-118-181-080	C-RES,S 180-1/10W J	a
MAIN	X R	0751	88-121-562-080	RES,5.6K-1/8W J	a
MAIN	X R	0752	88-121-562-080	RES,5.6K-1/8W J	a
MAIN	X R	0753	88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN	X R	0754	88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN	O R	0755	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0756	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0757	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0758	88-108-102-080	C-RES,U 1K-1/16W J	a

ELECTRICAL PARTS LIST - 8/10

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					CDC-X927M YUCSTF
MAIN	O R	0759	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0760	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0761	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0762	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	O R	0763	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	X R	0771	88-121-562-080	RES,5.6K-1/8W J	a
MAIN	X R	0772	88-121-562-080	RES,5.6K-1/8W J	a
MAIN	X R	0773	88-108-392-080	C-RES,U 3.9K-1/16W J	a
MAIN	X R	0774	88-108-392-080	C-RES,U 3.9K-1/16W J	a
MAIN	O R	0811	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0812	88-148-681-080	C-RES, 680-1/2W J	a
MAIN	X R	0814	88-118-391-080	C-RES,S 390-1/10W J	a
MAIN	X R	0815	88-118-391-080	C-RES,S 390-1/10W J	a
MAIN	X R	0816	88-140-229-080	RES,2.2-1/2W J	a
MAIN	X R	0817	88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN	X R	0821	88-108-680-080	C-RES,U 68-1/16W J	a
MAIN	X R	0822	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0831	88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN	X R	0832	88-108-273-080	C-RES,U 27K-1/16W J	a
MAIN	O R	0833	88-108-103-080	C-RES,U 10K-1/16W J	a
					CDC-X927M YUCSTF
MAIN	O R	0834	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0841	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0901	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0902	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0903	88-121-102-080	RES,1K-1/8W J	a
MAIN	O R	0904	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0905	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0906	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0907	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0908	88-121-102-080	RES,1K-1/8W J	a
MAIN	O R	0909	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0910	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0911	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0912	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0913	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0914	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0915	88-121-563-080	RES,56K-1/8W J	a
MAIN	O R	0916	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0917	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0918	88-121-102-080	RES,1K-1/8W J	a
					CDC-X927M YUCSTF
MAIN	X R	0921	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0922	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	X R	0923	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0924	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0925	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0926	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0927	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0928	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0929	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	O R	0932	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0933	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0934	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0935	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0936	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0937	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0943	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	X R	0944	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0945	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0946	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0947	88-121-104-080	RES,100K-1/8W J	a
					CDC-X927M YUCSTF
MAIN	X R	0948	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0949	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0950	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0951	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0952	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0956	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0957	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0958	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0959	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0961	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0962	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0963	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0964	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0965	88-121-102-080	RES,1K-1/8W J	a
MAIN	O R	0967	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0968	88-121-473-080	RES,47K-1/8W J	a
MAIN	O R	0969	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	O R	0971	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	O R	0973	88-108-563-080	C-RES,U 56K-1/16W J	a
MAIN	O R	0981	88-108-223-080	C-RES,U 22K-1/16W J	a



### ELECTRICAL PARTS LIST - 9/10

! = SAFETY PARTS  
C = Components marked

All components used on this model at the production line are shown in this service manual.  
However, please note that not all components will be available as spare parts for after-sales service.  
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.  
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
MAIN	O R	0982	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	O R	0992	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0994	88-108-000-080	C-JUMPER,U	a
MAIN	O TU	0101	8C-KCG-621-010	TU UNIT, FAE347-A30	a
MAIN	X W	0101	8Z-KC1-614-010	WIRE,ANT	a
MAIN	O X	0901	87-A70-372-080	VIB,XTAL 6.3MHZ HC-49/U-S	a
SENSOR	O CNA	0671	8B-KC7-617-010	CONN ASSY,6P EMP	a
SENSOR	O FFC	0671	8B-KC7-618-010	F-CABLE,2P MOT	a
SENSOR	O PS	0671	87-A92-061-080	C-SNSR,GP1S092 HCPI	a
SENSOR	X R	0671	88-118-331-080	C-RES,S 330-1/10W J	a
SENSOR	O SW	0671	87-A92-039-080	C-SW,PUSH ESE22MH24XQ	a
SW	O SW	0001	87-A92-279-080	C-SW,PUSH 2-1 ESE22MH22XQ	a
SW	O SW	0002	87-A92-279-080	C-SW,PUSH 2-1 ESE22MH22XQ	a

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TEL: 13942296513 QQ: 376315150 892498299

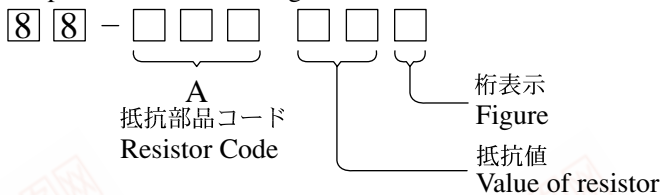
ELECTRICAL PARTS LIST - 10/10

- Regarding connectors, they are not stocked as they are not the initial order items.  
The connectors are available after they are supplied from connector manufacturers upon the order is received.

○チップ抵抗部品コード/CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

Chip Resistor Part Coding



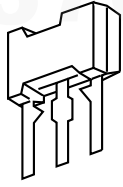
チップ抵抗  
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法/Dimensions (mm)			抵抗コード : A Resistor Code : A	
				外形/Form	L	W		t
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION -1/1

QQ 376315150

892498299



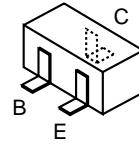
E C B

2SB1326  
2SD1858



B C E

2SB1375  
2SD2012



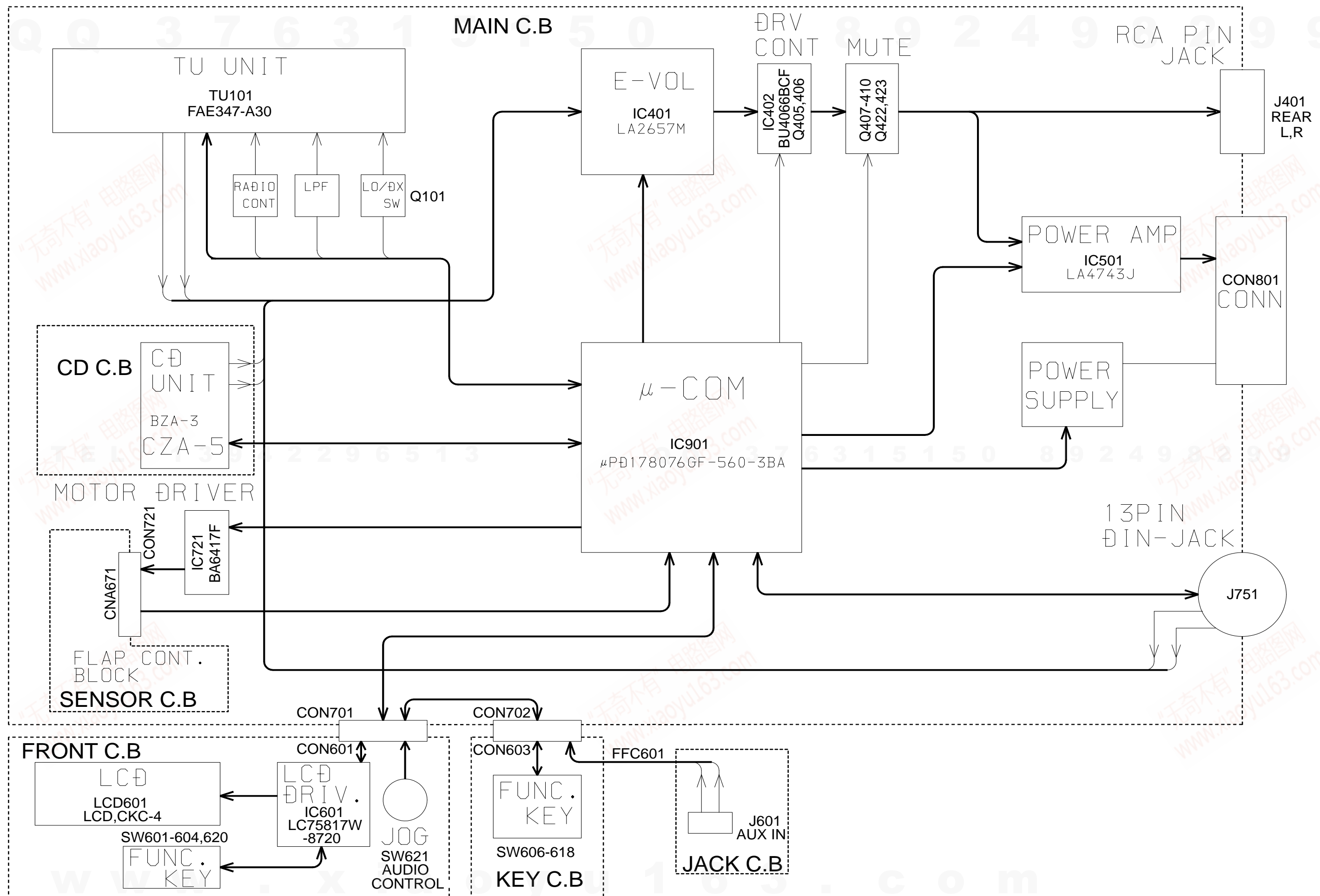
2SA1037  
2SA1576  
2SC2412  
2SC4081  
DTA114YUA  
DTB123YK  
DTC114TKA  
DTC114TUA  
DTC114YUA

TEL 13942296513 QQ 376315150 892498299

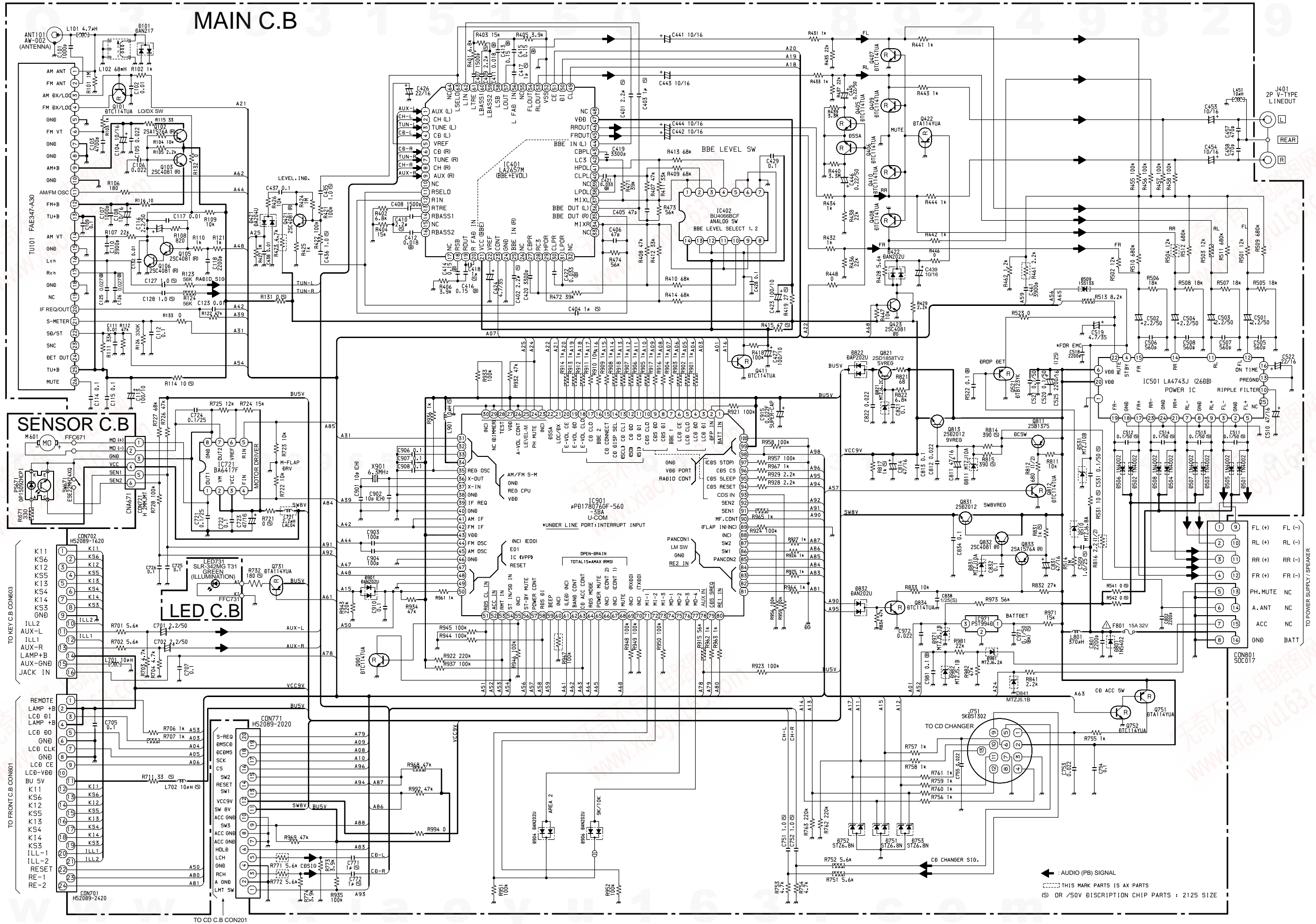
TEL 13942296513 QQ 376315150 892498299



BLOCK DIAGRAM - 1/1 (OVERALL)



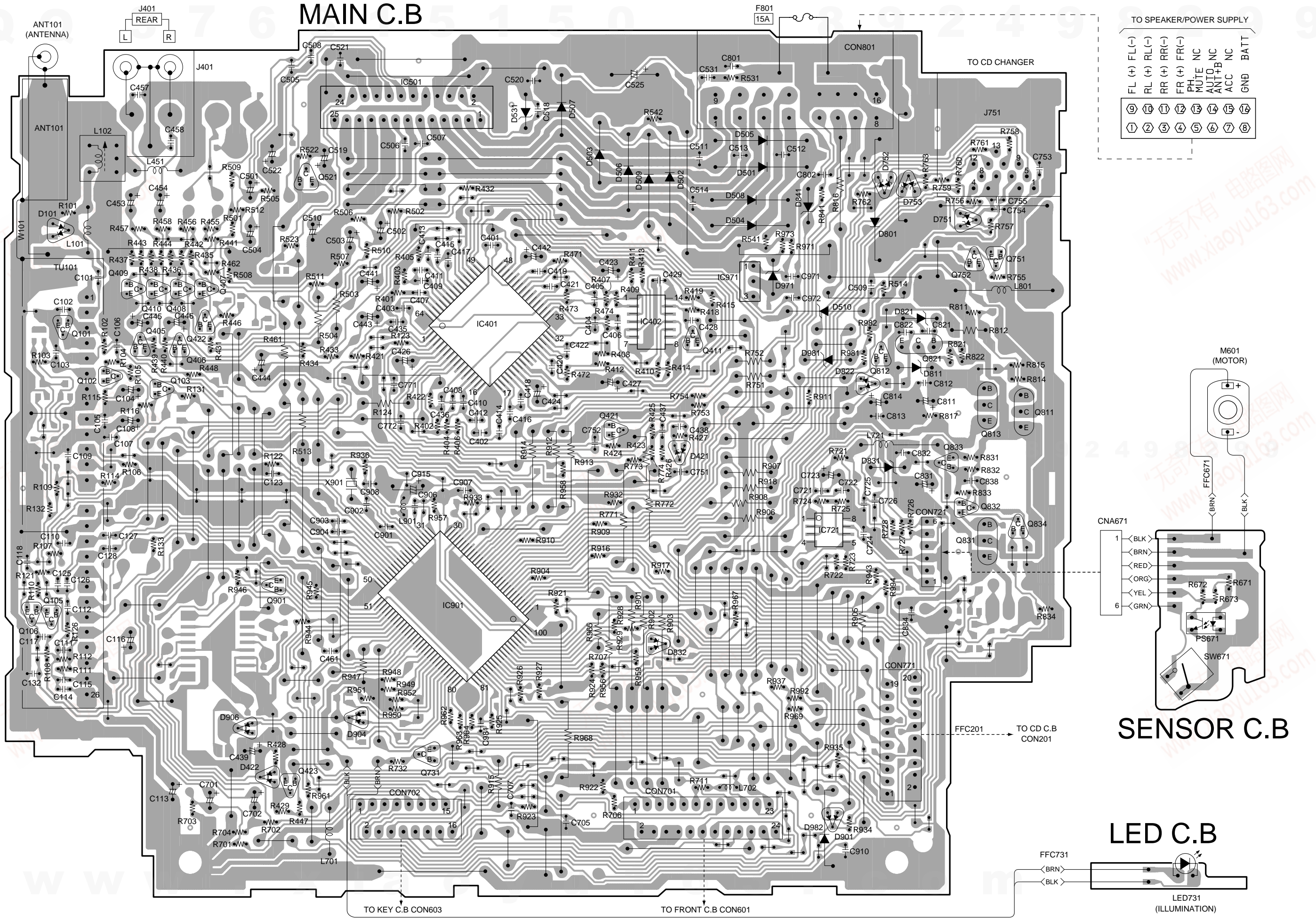
SCHEMATIC DIAGRAM - 1/3 (MAIN/SENSOR/LED SECTION)



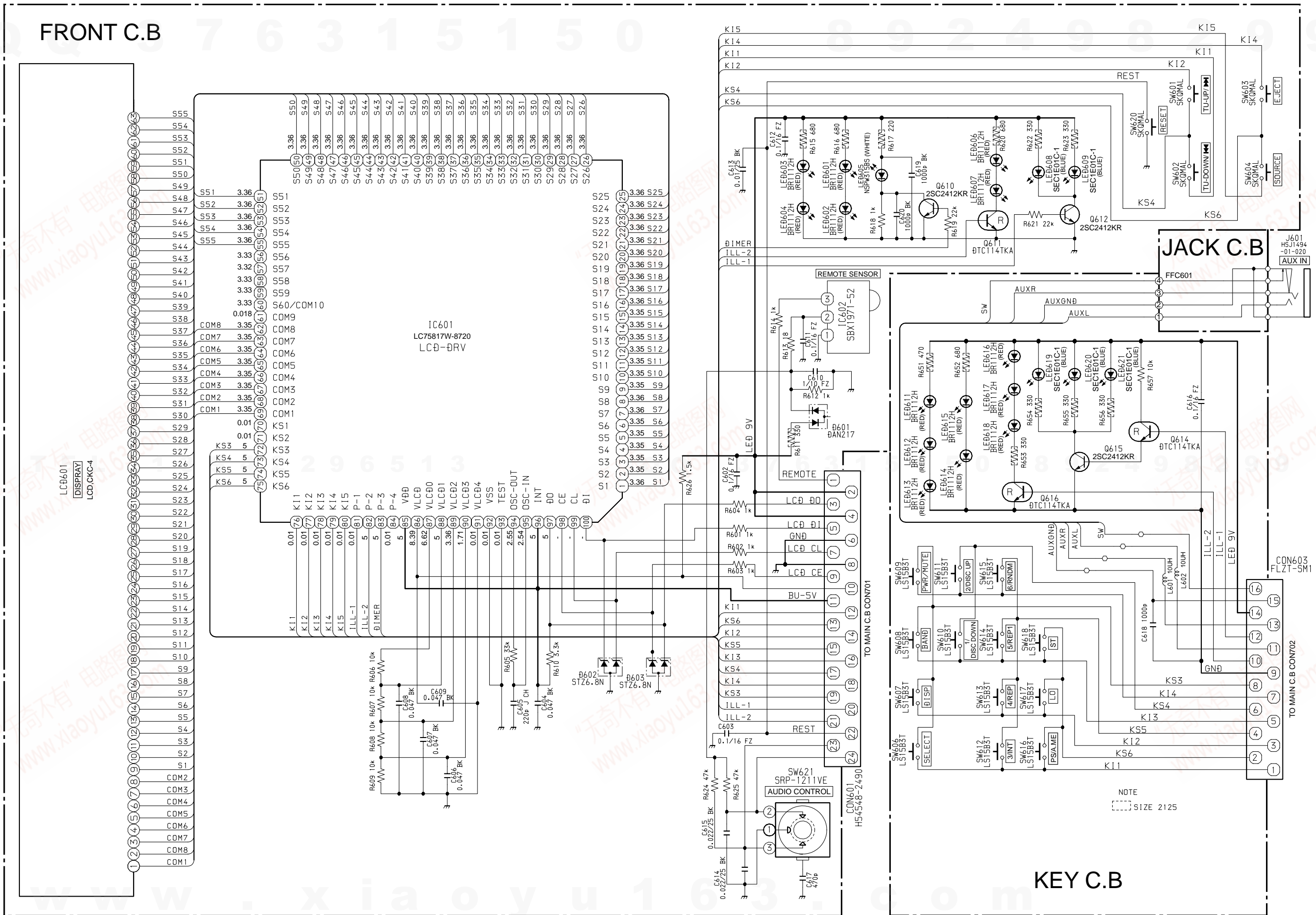


WIRING - 1/3 (MAIN C.B/SENSOR C.B/LED C.B)

32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---



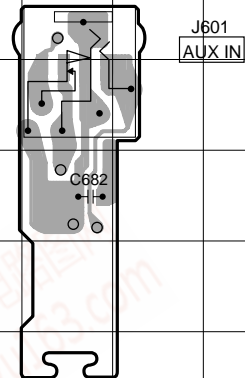
SCHEMATIC DIAGRAM - 2/3 (FRONT/KEY/JACK SECTION)



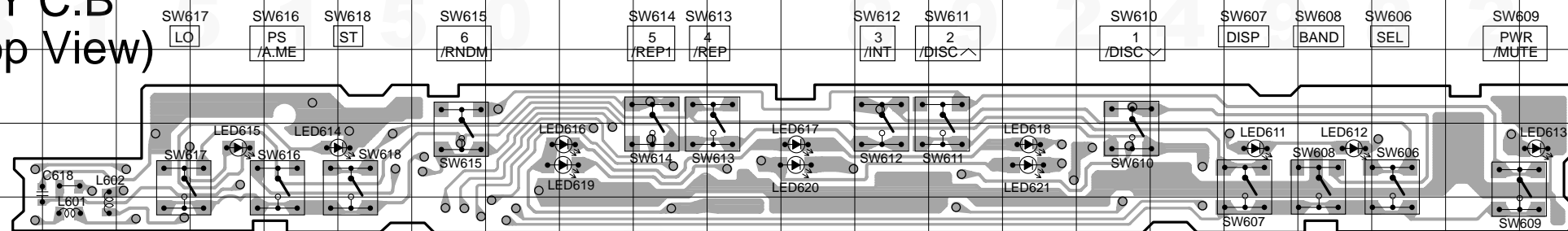


WIRING - 2/3 (FRONT C.B/KEY C.B/JACK C.B)

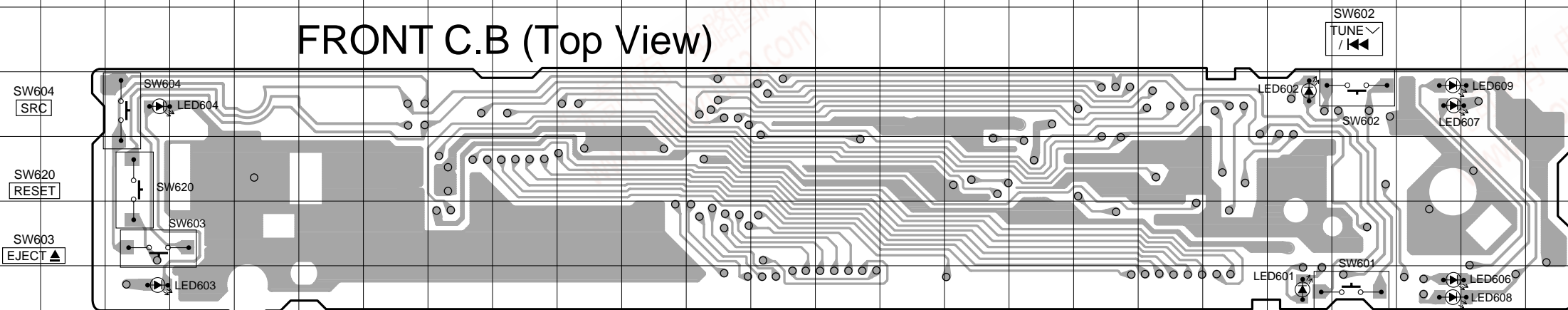
JACK C.B  
(Top View)



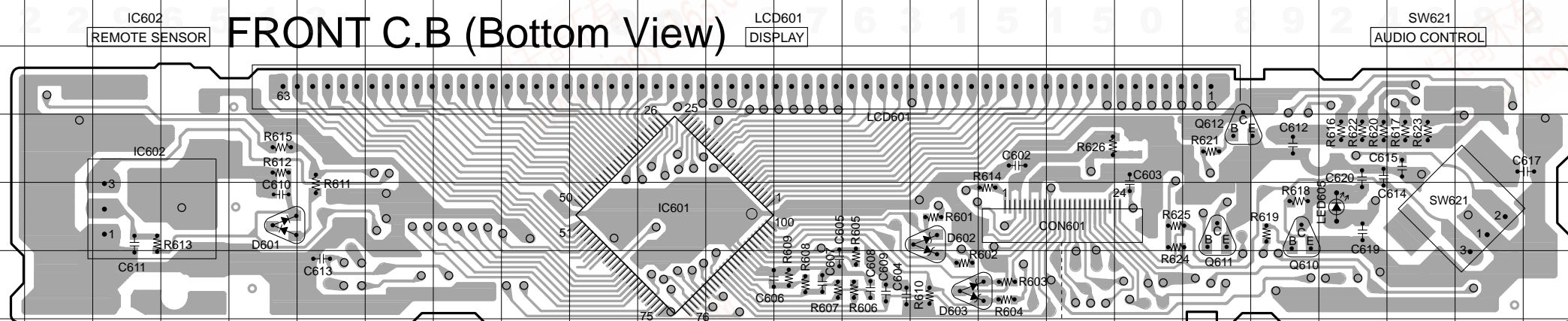
KEY C.B  
(Top View)



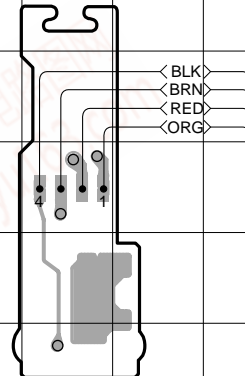
FRONT C.B (Top View)



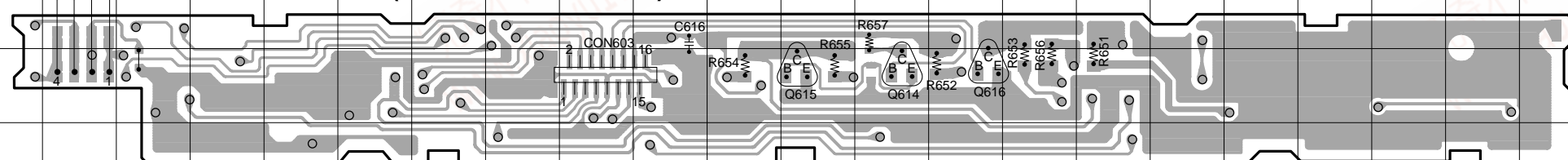
FRONT C.B (Bottom View)



JACK C.B  
(Bottom View)



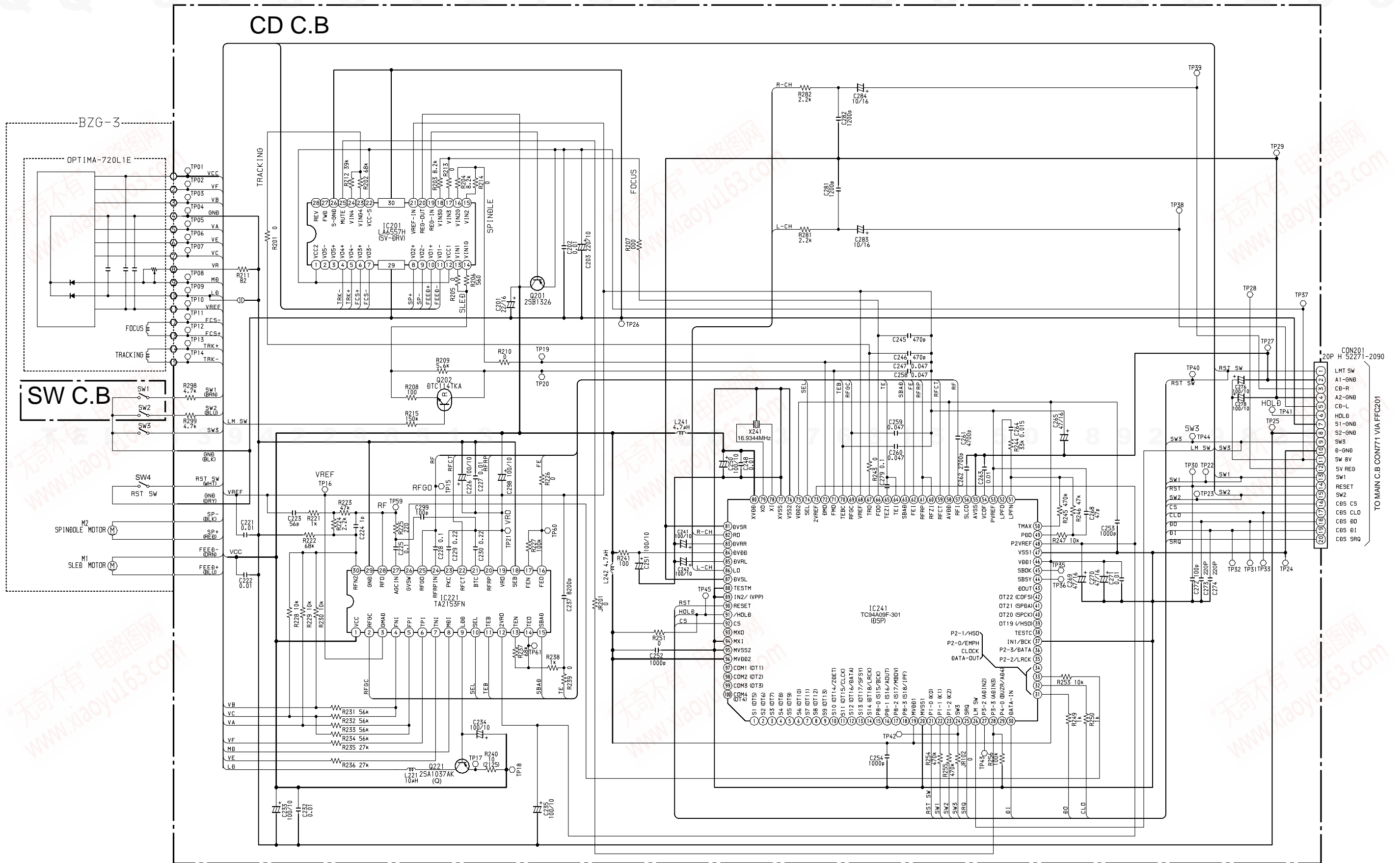
KEY C.B (Bottom View)



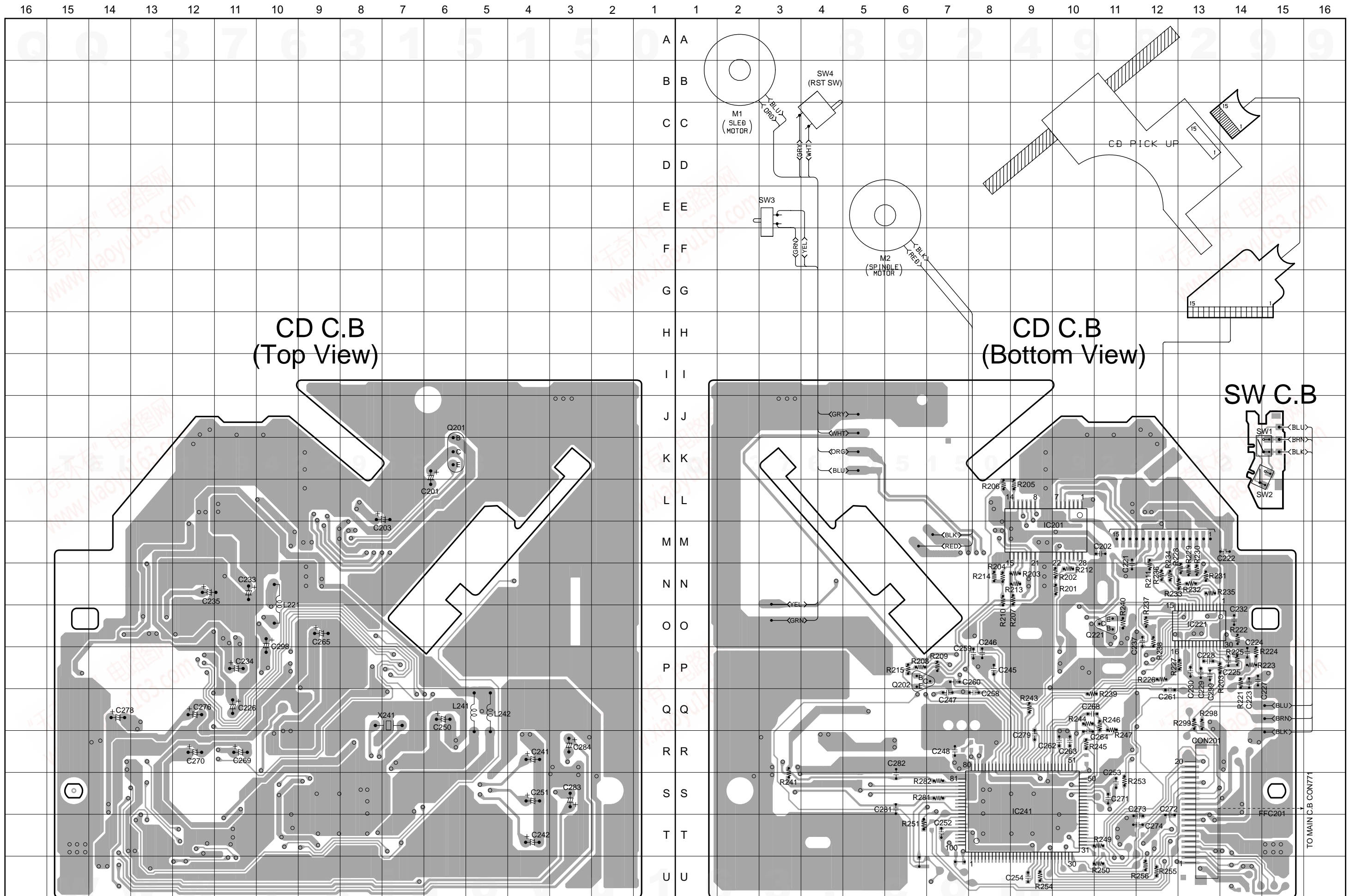
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TEL: 139442296513 QQ: 376345161 892498299

SCHEMATIC DIAGRAM - 3/3 (CD SECTION)



WIRING - 3/3 (CD C.B/SW C.B)



CD C.B  
(Top View)

CD C.B  
(Bottom View)

SW C.B



VOLTAGE CHART -1/9

IC201 LA6557H

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	VCC2	8.13	0.62	0.64	0.65
2	VO5-	0.26	0	0	0
3	VO5+	0.26	0	0	0
4	VO4+	3.72	0	0	0
5	VO4-	3.72	0	0	0
6	VO3+	3.67	0	0	0
7	VO3-	3.84	0	0	0
8	VO2+	4.05	0	0	0
9	VO2-	3.45	0	0	0
10	VO1+	3.64	0	0	0
11	VO1-	4.13	0	0	0
12	VCC1	8.19	0.62	0.63	0.64
13	VIN1	2.12	0	0	0
14	VIN1G	2.12	0	0	0
15	VIN2	2.17	0	0	0
16	VIN2G	2.12	0	0	0
17	VIN3	2.12	0.71	0.8	1
18	VIN3G	2.12	0.71	0.8	1
19	REG-IN	7.73	0.62	0.63	0.64
20	REG-OUT	2.13	1	1	1
21	VREF-IN	2.12	0	0	0
22	VCC-S	8.33	0.6	0.6	0.6
23	VIN4G	2.12	0	0	0
24	VIN4	2.12	0	0	0
25	MUTE	5.06	0	0	0
26	S-GND	0.03	0	0	0
27	FWD	0.03	0	0	0
28	REV	0.05	0	0	0
29	GND	0.03	0	0	0
30	GND	0.05	0	0	0

IC221 TA2153FN

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	VCC	5.11	1.07	1.06	1.07
2	RFGC	0.99	0	0	0
3	GMAD	2.13	0	0	0
4	FNI	2.24	0	0	0
5	FPI	2.24	0	0	0
6	TPI	2.16	0	0	0
7	TNI	2.16	0	0	0
8	MDI	0.2	0	0	0
9	LDD	4.04	0.5	0.5	0.5
10	SEL	2.57	0	0	0
11	TEB	1.96	0	0	0
12	2VRO	4.23	0	0	0
13	TEN	2.13	0.2	0.2	0.17
14	TEO	2.15	0.2	0.2	0.22
15	SBAD	2.53	0	0	0
16	FEO	2.14	0.5	0.5	0.5
17	FEN	2.12	0.4	0.4	0.4
18	SEB	0.03	0	0	0
19	VRO	2.13	0	0	0
20	RFRP	3.34	0.6	0.6	0.6
21	BTC	3.94	0	0	0
22	RFCT	3.28	0	0	0
23	PKC	2.63	0	0	0
24	RFRPIN	2.12	0	0	0
25	RFGO	2.11	0	0	0
26	GVSW	2.12	0.5	0.5	0.5
27	AGCIN	2.12	0	0	0
28	RFO	1.65	0	0	0
29	GND	0.03	0	0	0
30	RFN2	2.12	0	0	0



VOLTAGE CHART -2/9

IC241 TC94A09F

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	S1 (OT5)	0	0	0	0
2	S2 (OT6)	0	0	0	0
3	S3 (OT7)	0	0	0	0
4	S4 (OT8)	0	0	0	0
5	S5 (OT9)	0	0	0	0
6	S6 (OT10)	0	0	0	0
7	S7 (OT11)	0	0	0	0
8	S8 (OT12)	0	0	0	0
9	S9 (OT13)	0	0	0	0
10	S10(OT14/ZDET)	0	0	0	0
11	S11(OT15/CLCK)	0	0	0	0
12	S12(OT16/DATA)	0	0	0	0
13	S13(OT17/SFSY)	0	0	0	0
14	S14(DT18/LRCK)	0	0	0	0
15	P8-0(S15/BCK)	0.28	0	0	0
16	P8-1(S16/AOUT)	0	0	0	0
17	P8-2(S17/MBOV)	0	0	0	0
18	P8-3(S18/IPF)	0.27	0	0	0
19	MVDD1	5.06	0	0	0
20	MVSS1	0	0	0	0
21	P1-0 (K0)	5.11	0.97	0.97	0.97
22	P1-1 (K1)	4.92	0.91	0.91	0.91
23	P1-2 (K2)	4.92	0.91	0.91	0.91
24	SW3	5.13	1	1	1
25	SRQ	5.06	0	0	0
26	LM SW	0	0	0	0
27	P3-2 (ADIN2)	0.24	0	0	0
28	P3-3 (ADIN3)	5.05	0	0	0
29	P4-0(BUZR/AD4)	0	0	0	0
30	DATA-IN	DATA	0	0	0
31	DATA-OUT	DATA	0	0	0
32	CLOCK	5.15	1.7	1.7	1.78
33	P2-0/EMPH	5.05	0.2	0.5	0.53
34	P2-1/HSO	0	0	0	0
35	P2-2/LRCK	0	0	0	0
36	P2-3/DATA	0	0	0	0
37	IN1/BCK	0	0	0	0
38	TESTC	0	0	0	0
39	OT19 (/HSO)	0	0	0	0
40	OT20 (SPCK)	0	0	0	0
41	OT21 (SPDA)	0	0	0	0
42	OT22 (COFS)	0	0	0	0
43	DOUT	2.52	0	0	0
44	SBSY	0	0	0	0
45	SBOK	5.06	0	0	0
46	VDD1	5.07	1	1	1
47	VSS1	0	0	0	0
48	P2VREF	4.23	0	0	0
49	PDO	2.13	0	0	0
50	TMAX	2.04	0	0	0
51	LPFN	0	0	0	0
52	LPFO	2.06	0	0	0
53	PVREF	2.13	0	0	0
54	VCOF	1.49	0	0	0
55	AVSS	0	0	0	0
56	SLCO	0	0	0	0
57	RFI	2.13	0	0	0
58	AVDD	5.06	1	1	1
59	RFCT	3.25	0	0	0
60	RFZI	3.33	0	0.6	0.6
61	RFRP	3.33	0	0.6	0.6
62	FEI	2.14	0	0	0
63	SBAD	2.5	0	0	0

### VOLTAGE CHART -3/9

IC241 TC94A09F

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
64	TEI	2.14	0	0	0
65	TEZI	2.12	0	0	0
66	FOO	2.12	1	1	1
67	TRO	2.15	0	0	0
68	VREF	2.13	0	0	0
69	RFGC	0.99	0	0	0
70	TEBC	1.93	0	0	0
71	FMO	2.08	0	0	0
72	DMO	2.16	0	0	0
73	2VREF	4.23	0	0	0
74	SEL	2.56	0	0	0
75	VDD2	5.07	1	1	1
76	VSS2	0	0	0	0
77	XVSS	0	0	0	0
78	XI	2.34	0	0	0
79	XO	2.65	1	1	1
80	XVDD	5.09	1	1	1
81	DVSR	0	0	0	0
82	RO	2.57	0	0	0
83	DVRR	2.44	0	0	0
84	DVDD	4.87	1	1	1
85	DVRL	2.44	0	0	0
86	LO	2.57	0	0	1
87	DVSL	0	0	0	0
88	TESTM	0	0	0	0
89	IN2/(VPP)	0	0	0	0
90	RESET	5.15	0	0	0
91	/HOLD	5.07	1	1	1
92	CS	5.15	0	0	0
93	MXO	5.07	0	0	0
94	MXI	0	0	0	0
95	MVSS2	0	0	0	0
96	MVDD2	5.07	1	1	1
97	COM1 (OT1)	0	0	0	0
98	COM2 (OT2)	0	0	0	0
99	COM3 (OT3)	0	0	0	0
100	COM4 (OT4)	0	0	0	0

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VOLTAGE CHART -4/9

IC401 LA2657M

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	AUX(L)	4.11	4.13	4.12	4.1
2	CDC(L)	4.12	4.13	4.12	4.1
3	TUN(L)	4.12	4.13	4.12	4.1
4	SD(L)	4.12	4.13	4.12	4.1
5	VREF	4.14	4.15	4.13	4.12
6	CD(R)	4.13	4.13	4.12	4.1
7	TUNE(R)	4.13	4.13	4.12	4.1
8	CH(R)	4.13	4.13	4.12	4.1
9	AUX(R)	4.13	4.13	4.12	4.1
10	NC	0	0	0	0
11	RSELO	4.15	4.15	4.14	4.13
12	RIN	4.13	4.12	4.12	4.11
13	RTRE	4.13	4.12	4.12	4.11
14	RBASS1	4.13	4.13	4.12	4.11
15	NC	1.52	1.45	1.41	1.48
16	RBASS2	4.15	4.14	4.14	4.13
17	NC	0	0	0	0
18	RSB	4.15	4.14	4.13	4.12
19	ROUT	4.15	4.14	4.14	4.13
20	R FAD IN	4.13	4.12	4.12	4.11
21	VCC (BBE)	8.89	8.86	8.86	8.82
22	VREF	4.49	4.48	4.48	4.46
23	CONT	0	0	0	0
24	GND	0	0	0	0
25	BBE IN (R)	4.49	4.48	4.48	4.46
26	NC	1.51	1.45	1.41	1.48
27	CBPR	4.5	4.49	4.49	4.47
28	RC3	4.5	4.49	4.49	4.47
29	HPOR	4.5	4.49	4.49	4.47
30	CLPR	4.5	4.49	4.49	4.47
31	LPOR	4.5	4.48	4.49	4.47
32	NC	1.51	1.45	1.42	1.42
33	NC	1.51	1.45	1.41	1.42
34	MIXR	4.5	4.48	4.48	4.47
35	BBE OUT (R)	4.5	4.48	4.49	4.47
36	BBE OUT (L)	4.5	4.48	4.48	4.47
37	MIXL	4.5	4.48	4.48	4.47
38	LPOL	4.5	4.48	4.48	4.47
39	NC	0	1.42	1.39	1.39
40	CLPL	4.5	4.48	4.48	4.47
41	HPOL	4.5	4.49	4.48	4.47
42	LC3	4.51	4.49	4.48	4.47
43	CBPL	4.51	4.49	4.48	4.47
44	BBE IN (L)	4.48	4.48	4.48	4.46
45	FROUT	4.16	4.14	4.14	4.13
46	RROUT	4.16	4.14	4.14	4.13
47	VDD	8.32	8.29	8.28	8.26
48	NC	0	0	0	0
49	CL	0	0	0	0
50	DI	0	0	0	0
51	CE	0	0	0	0
52	VSS	0	0	0	0
53	RLOUT	4.16	4.15	4.14	4.13
54	FLOUT	4.16	4.15	4.14	4.13
55	NC	1.47	1.43	1.4	1.39
56	L FAD IN	4.14	4.12	4.12	4.11
57	LOUT	4.16	4.15	4.14	4.13
58	LSB	4.15	4.14	4.13	4.12
59	LBASS2	4.16	4.14	4.14	4.13
60	LBASS1	4.14	4.13	4.12	4.11
61	LTRE	4.14	4.12	4.12	4.11
62	LIN	4.14	4.12	4.12	4.11
63	LSELO	4.16	4.14	4.14	4.13
64	NC	0	0	0	0

### VOLTAGE CHART -5/9

#### IC402 BU4066BC

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	I/O 1	4.48	4.4	4.44	4.47
2	O/I 1	4.48	4.41	4.44	4.47
3	O/I 2	4.48	4.41	4.45	4.47
4	I/O 2	4.48	4.41	4.45	4.47
5	C2	8.63/0	8.64/0	8.7/0	8.74/0
6	C3	8.63/0	8.64/0	8.7/0	8.74/0
7	VSS	0	0	0	0
8	I/O 3	4.43	4.42	4.45	4.47
9	O/I 3	4.43	4.42	4.45	4.47
10	O/I 4	4.44	4.42	4.45	4.47
11	I/O 4	4.44	4.42	4.45	4.47
12	C4	8.69/0	8.66/0	8.71/0	8.74/0
13	C1	8.69/0	8.66/0	8.71/0	8.74/0
14	VDD	8.78	8.74	8.79	8.83

#### IC501 LA4743J

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	TAB	0	0	0	0
2	GND	0	0	0	0
3	FL-	2.73	2.73	2.73	2.72
4	ST/BY	4.52	4.55	4.55	4.55
5	FL+	2.72	2.71	2.71	2.71
6	VDD	14.28	14.32	14.32	14.17
7	RL-	2.72	2.72	2.72	2.71
8	GND	0	0	0	0
9	RL+	2.72	2.71	2.71	2.71
10	RIPPLE FILTER	13.05	13.09	13.09	12.95
11	RL	3.08	3.06	3.05	3.04
12	FL	3.1	3.08	3.07	3.06
13	PREGND	0	0	0	0
14	RR	3.06	3.08	3.07	3.06
15	FR	3.07	3.06	3.05	3.04
16	ON TIME	2.49	2.5	2.51	2.51
17	FR+	2.75	2.75	2.75	2.74
18	GND	0	0	0	0
19	FR-	2.71	2.71	2.71	2.71
20	VDD	14.28	14.32	14.32	14.17
21	RR+	2.74	2.74	2.74	2.73
22	MUTE	4.05	4.05	4.06	4.06
23	RR-	2.75	2.74	2.74	2.74
24	GND	0	0	0	0
25	NC	0	0	0	0

#### IC721 BA6417

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	OUT1	0	0	0	0
2	VM	8.25	0.64	0.65	0.62
3	VCC	8.26	0.63	0.65	0.62
4	FIN	0	0	0	0
5	RIN	0	0	0	0
6	VREF	3.66	0.27	0.27	0.28
7	OUT2	0	0	0	0
8	GND	0	0	0	0



VOLTAGE CHART -6/9

IC901 UPD178078GF-550-3BA

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
1	BATT IN	4.12	4.1	4.1	4.11
2	NC (DFP IN)	5.05	5.09	5.09	5.06
3	LCD DI	5.07	5.1	5.1	5.07
4	LCD DO	DATA	DATA	DATA	DATA
5	LCD CLO	DATA	DATA	DATA	DATA
6	LCD CE	DATA	DATA	DATA	DATA
7	BBE SW1	0	0	0	0
8	CDS DI	DATA	0	0	0
9	CDS DO	0.04	0.01	0.01	0.01
10	CDS CLO	5.01	4.9	4.9	4.9
11	<SI> CD DI	0	0	0	DATA
12	<SO> CD DO	0	0	0	5.12
13	<SCL> CD CLI	0	0	0	5.11
14	CD DISP SEL	5.14	5.13	5.13	DATA
15	CD CONNECT	0	0	0	4.76
16	BBE SW2	0	0	0	0
17	CD CLO	0	0	0	0
18	E-VOL CL	0	0	0	0
19	E-VOL DO	0	0	0	0
20	E-VOL CE	0	0	0	0
21	LOC/DX	0	0	0	0
22	DSSA CONT	0	0	0	0
23	(NC)	0	0	0	0
24	NC (PH MUTE)	3.46	3.45	3.45	3.45
25	LEV.IND.	0	0	0	0
26	NC (A-VOL CONT)	0	0	0	0
27	AVDD	5.14	5.14	5.11	5.13
28	TEST	5.09	5.08	5.08	5.07
29	NC (DIMMER)	0	0	0	0
30	(NC)	0	0	0	0
31	FM/AM S-M	DATA	DATA	DATA	DATA
32	AVSS	0	0	0	0
33	REG CPU	3.44	3.44	3.44	3.44
34	VDD	5.13	5.13	5.13	5.12
35	REG OSC	5.03	5.03	5.03	5.02
36	X-OUT	1.92	1.92	1.9	1.92
37	X-IN	2.21	2.21	2.21	2.2
38	GND0	0	0	0	0
39	IF REQ	0	0	0	0
40	GND2	0	0	0	0
41	AM IF	0	0	0	0
42	FM IF	0	0	0	0
43	VDD PLL	5.13	5.13	5.13	5.12
44	FM OSC	0	2.74/0	0	0
45	AM OSC	0	0/2.72	0	0
46	GND PLL	0	0	0	0
47	(NC) (EO0)	0	0.16	0	0
48	EO1	0	1.04	0	0
49	IC <VPP>	0	0	0	0
50	RESET	5.12	5.11	5.11	5.1
51	RDS CL IN	0	0	0	0
52	ACC IN	4.09	4.09	4.09	4.1
53	RMT IN	5.24	5.16	5.18	5.09
54	ST IN/SD IN	4.88	4.87	4.88	4.78
55	ST	0	0	0	0
56	ST-BY MUTE	5.09	5.08	5.08	5
57	POWER CONT	5.07	5.06	5.07	5
58	RDS DI	0	0	0	0
59	BEEP	0	0	0	0
60	(NC)	0	0	0	0
61	(LED) (NC)	0.07	0.07	0.08	0.06
62	BAND CONT	8.91	8.91/0.79	8.91	8.82
63	CD ACC CONT	0.01	0.01	0.01	1.01

### VOLTAGE CHART -7/9

IC901 UPD178078GF-550-3BA

PIN NO.	PIN NAME	CD	TUNER	AUX	CD-CHANGER
64	RDS MODE	0	0	0	0
65	POWER MUTE	4.05	4.06	4.06	4.03
66	(NC) (CONT2)	0	0	0	0
67	(NC) (CONT1)	0	0	0	0
68	MUTE	0.69	0.69	0.14	0.7
69	(NC) (RXDO)	0	0	0	0
70	(NC) (TXDO)	0	0	0	0
71	MI-1	0	0	0	0
72	MI-2	0	0	0	0
73	MI-3	0	0	0	0
74	MO-1	0	0	0	0
75	MO-2	0	0	0	0
76	MO-3	0	0	0	0
77	MO-4	0	0	0	0
78	JACK IN	0/4.89	0/4.89	0/4.89	0/4.89
79	CDS SREQ	DATA	0	0	0
80	RE1 IN	0	0	0	0
81	RE2 IN	5.24	5.19	5.23	5.19
82	GND1	0	0	0	0
83	HOLD	0	0	0	0
84	PANCON1	0	0	0	0
85	PANCON2	0	0	0	0
86	SW1	5.12	4.79	4.79	4.77
87	SW2	5.13	4.8	4.79	4.78
88	SW3	0	0	0	0
89	(FLAP IN) (NC)	0	0	0	0
90	MF.CONT	0	0	0	0
91	SEN1	0.13	5.11	5.11	5.09
92	SEN2	0	0	0	0
93	LMT SW	0	0	0	0
94	CDS RESET	5.15	0	0	0
95	CDS SLEEP	5.09	0	0	0
96	CDS CS	5.15	0	0	0
97	(CDS STOP)	0	0	0	0
98	RADIO CONT	0	5.13	0	0
99	VDD PORT	5.15	5.13	5.13	5.12
100	GND PORT	0	0	0	0

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VOLTAGE CHART -8/9

TRANSISTOR

		CD	FM	AM	AUX	CD-CHANGER
Q101 DTC114TUA	B	0	0	0.02	0	0
	C	7.55	7.54	0.28	7.49	7.54
	E	0	0	0	0	0
Q102 2SA1576A(R)	B	8.9	8.89	8.37	8.84	8.88
	C	0.35	0.21	9.01	0.15	0.24
	E	9.12	9.08	9.08	9.07	9.08
Q103 2SC4081(R)	B	8.94	8.9	0.78	8.89	8.89
	C	9.13	9.08	9.09	9.07	9.08
	E	8.24	8.2	0.2	8.19	8.2
Q105 2SC4081(R)	B	0	1.02	1.03	0	0
	C	9.11	3.41	2.82	9.06	9.07
	E	0.01	0.59	0.59	0	0
Q106 2SC4081(R)	B	0.07	0.59	0.59	0	0
	C	9.12	3.41	2.82	9.07	9.07
	E	0	0	0	0	0
Q405 DTC114TUA	B	0	0	0	0	0
	C	0	0	0	0	0
	E	0	0	0	0	0
Q406 DTC114TUA	B	0	0	0	0	0
	C	0	0	0	0	0
	E	0	0	0	0	0
Q407 DTC114TUA	B	0	0	0	4.24/0	0
	C	0	0	0	0	0
	E	0	0	0	0	0
Q408 DTC114TUA	B	0	0	0	4.24/0	0
	C	0	0	0	0	0
	E	0	0	0	0	0
Q409 DTC114TUA	B	0	0	0	4.24/0	0
	C	0	0	0	0	0
	E	0	0	0	0	0
Q410 DTC114TUA	B	0	0	0	4.24/0	0
	C	0	0	0	0	0
	E	0	0	0	0	0
Q411 DTC114TUA	B	0	0	0	0	0
	C	8.8	8.75	8.76	8.76	8.75
	E	0	0	0	0	0
Q421 2SC4081(R)	B	1.56	1.55	1.54	1.56	1.56
	C	4.68	4.69	4.74	4.66	4.65
	E	0.97	0.96	0.95	0.96	0.97
Q422 DTA114YUA	B	0	0	0	0	0
	C	0	0	0	4.24/0	0
	E	0.02	0.02	0.02	4.27/0.02	0.02
Q423 2SC4081(R)	B	0.69	0.69	0.69	0.14/0.69	0.69
	C	0.02	0.02	0.02	4.86/0.02	0.02
	E	0	0	0	0	0
Q521 DTB123YK	B	4.05	4.05	4.05	4.05	4.06
	C	0	0	0	0	0
	E	4.06	4.06	4.06	4.06	4.06
Q731 DTA114YUA	B	0.07	0.07	0.08	0.07	0.07
	C	5.02	5	5	5.01	5.01
	E	5.15	5.12	5.12	5.13	5.13
Q751 DTA114YUA	B	14.19	14.29	14.33	14.25	0.05
	C	0	0	0	0	14.14
	E	14.24	14.36	14.4	14.32	14.17
Q752 DTC114YUA	B	0.01	0.01	0.02	0.01	1
	C	14.19	14.29	14.33	14.25	0.05
	E	0	0	0	0	0
Q811 2SB1375	B	13.56	13.66	13.7	13.62	13.48
	C	14.21	14.33	14.37	14.28	14.13
	E	14.24	14.36	14.4	14.31	14.16
Q812 DTC114TUA	B	5.07	5.04	5.04	5.05	5.05
	C	0.08	0.08	0.08	0.08	0.08
	E	0	0	0	0	0

VOLTAGE CHART -9/9

TRANSISTOR

		CD	FM	AM	AUX	CD-CHANGER
Q813 2SD2012	B	9.8	9.77	9.78	9.78	9.77
	C	14.25	14.35	14.4	14.31	14.16
	E	9.15	9.1	9.11	9.11	9.11
Q821 2SD1858	B	6.37	6.36	6.36	6.36	6.36
	C	12.59	12.57	12.64	12.52	12.44
	E	5.8	5.79	5.78	5.79	5.79
Q831 2SD2012	B	9.05	0.62	0.65	0.75	0.78
	C	14.24	14.35	14.4	14.31	14.17
	E	8.41	0.62	0.61	0.62	0.62
Q832 2SC4081(R)	B	9.59	0	0	0	0
	C	14.24	14.35	14.4	14.31	14.17
	E	9.03	0	0	0	0
Q833 2SA1576A(R)	B	8.97	14.32	14.36	14.28	14.13
	C	9.58	0	0	0	0
	E	9.62	14.35	14.4	14.31	14.17
Q834 DTC114TUA	B	3.68	0	0	0	0
	C	0.01	14.3	14.35	14.26	14.12
	E	0	0	0	0	0
Q901 DTC114TUA	B	0	0	0	0	0
	C	4.89	4.86	4.78	4.87	4.86
	E	0	0	0	0	0

TU101 FAE347-A30

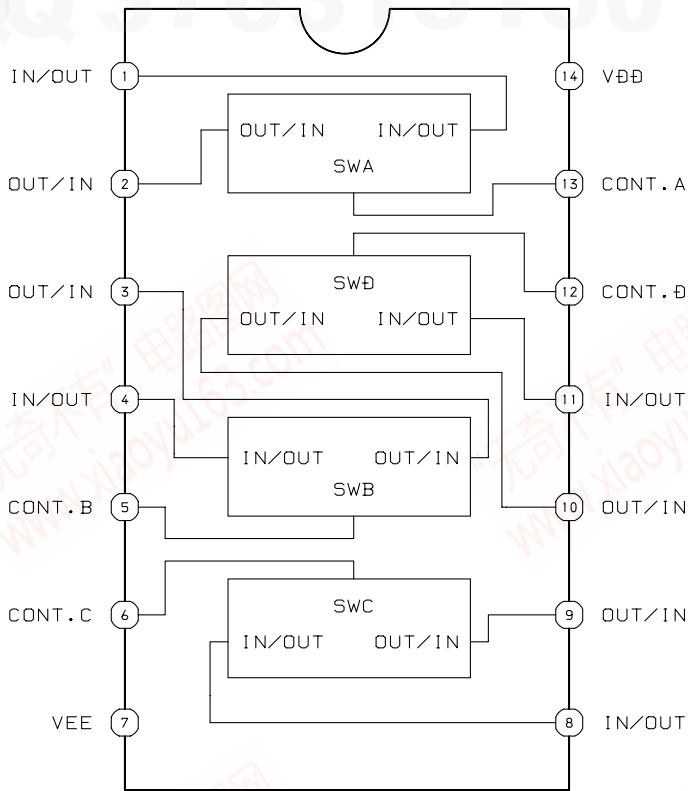
PIN NO.	PIN NAME	Antenna input opening		Antenna standard input	
		FM	AM	FM	AM
1	AM ANT	0	0	0	0
2	FM ANT	0	0	0	0
3	AM DX/LOC	0	0	0	0
4	FM DX/LOC	7.4	0.18	7.5	0.19
5	GND	0	0	0	0
6	FM VT	3.37	2.81	3.4	2.81
7	GND	0	0	0	0
8	GND	0	0	0	0
9	AM+B	0	8.52	0.05	8.54
10	GND	0	0	0	0
11	AM/FM OSC	0	0	0	0
12	FM+B	7.85	0.18	7.91	0
13	TU+B	8.16	8.12	8.23	8.14
14	AM VT	3.37	2.81	3.39	2.81
15	GND	0	0	0	0
16	L ch	3.39	3.43	3.39	3.43
17	R ch	3.4	3.44	3.39	3.43
18	GND	0	0	0	0
19	NC	0	0	0	0
20	IF REQ/OUT	0	0	0	0
21	S-METER	0.45	0.01	5.6	5.1
22	SD/ST	4.84	4.78	4.87	4.79
23	SNC	0.06	0.04	0.91	0.81
24	DET OUT	3.99	1.21	4.03	1.2
25	TU+B	8.21	8.12	8.23	8.14
26	MUTE	2.32	0.03	0.85	0.03

Antenna standard input	Abnormal conditions	Abnormal conditions frequency	Received frequency
FM:1mV(60dBuV)	75kHz(100%)	1kHz	98MHz
AM:5mV(75dBuV)	30%	400kHz	1000kHz

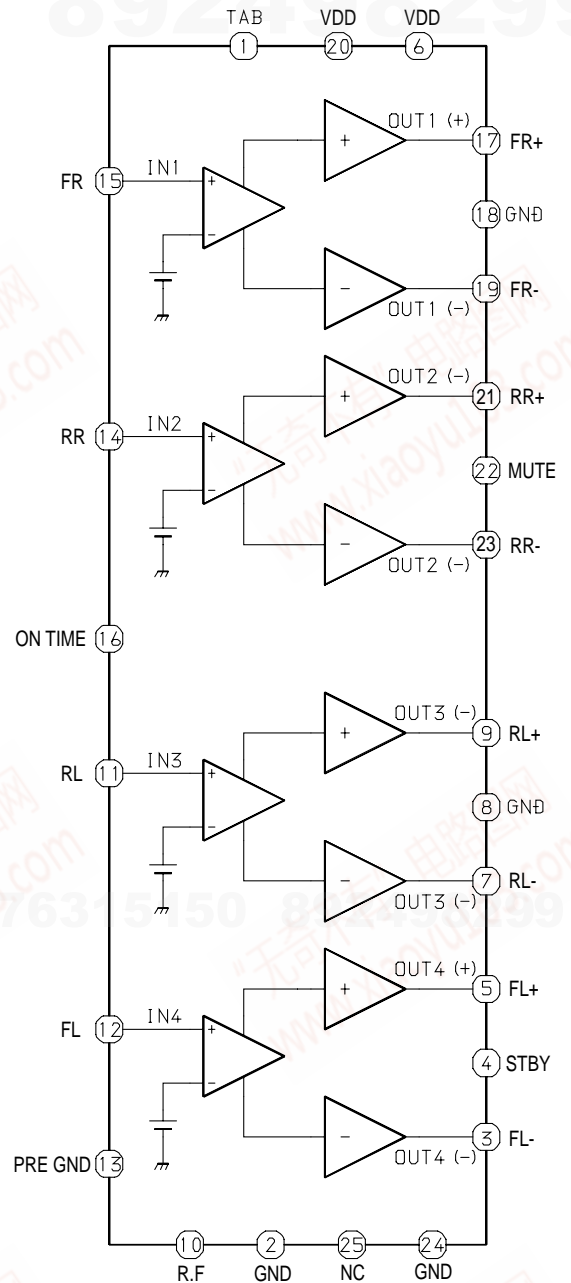


IC BLOCK DIAGRAM -1/3

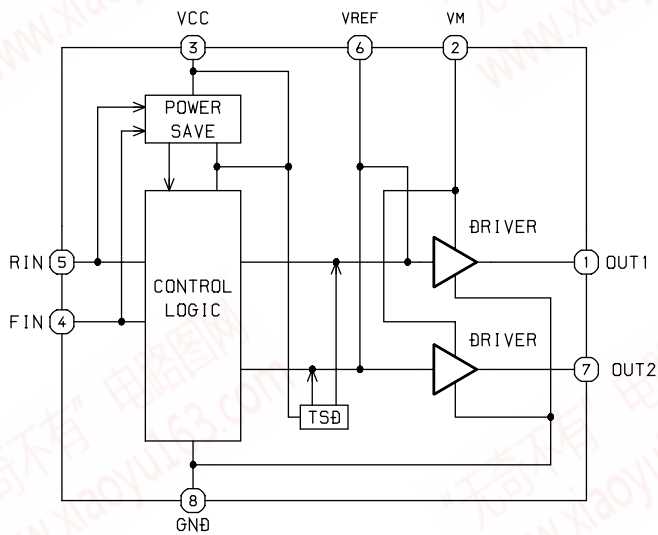
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IC, LA4743J

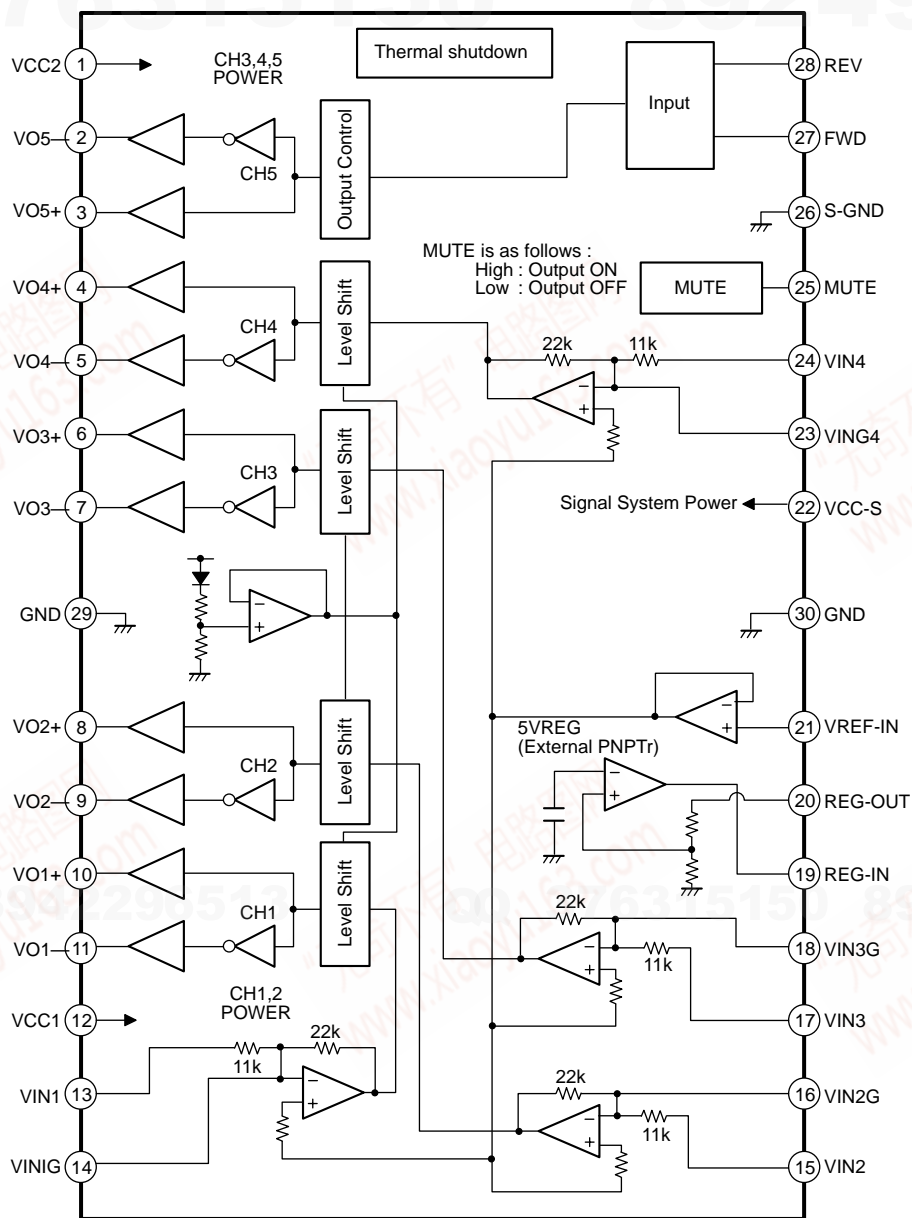


IC, BA6417F



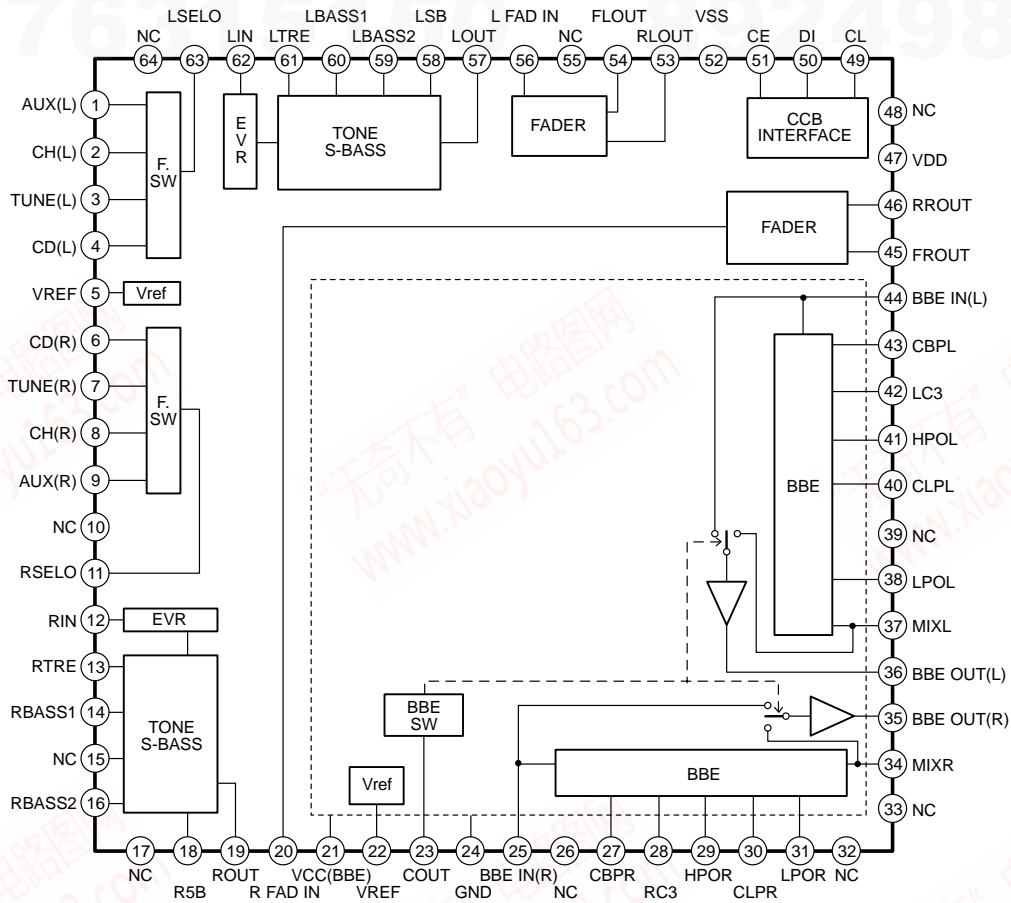
IC BLOCK DIAGRAM -2/3

IC, LA6557H

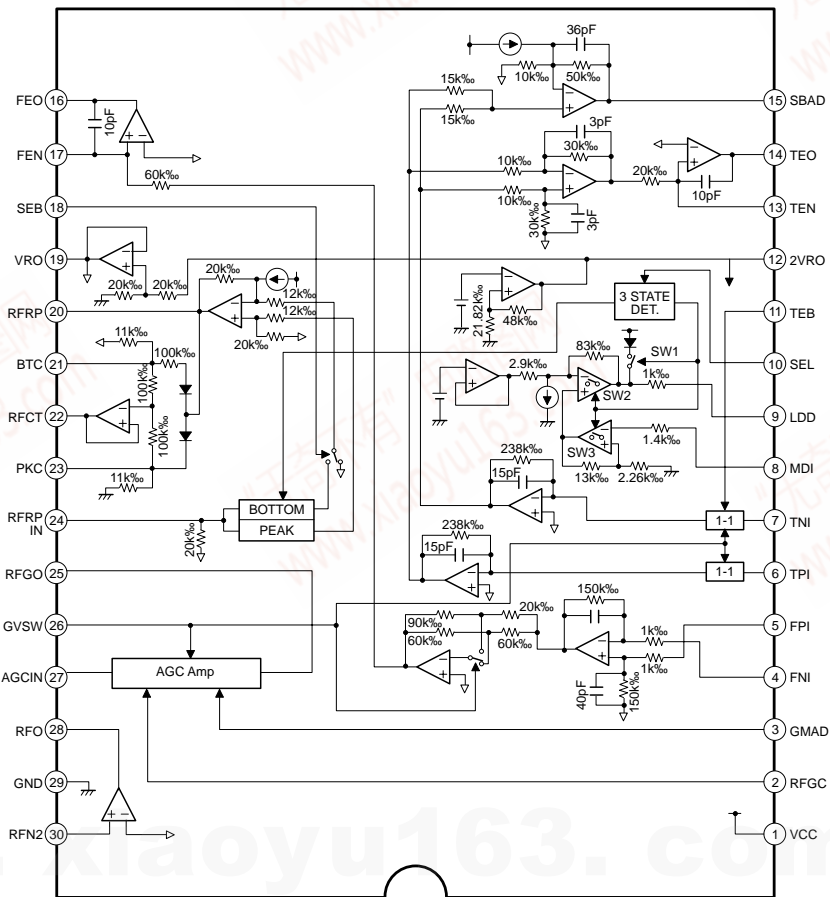


IC BLOCK DIAGRAM -3/3

IC, LA2657H



IC, TA2153FN



IC DESCRIPTION -1/3 (μPD178076GF-560-3BA)-1/3

Pin No.	Pin Name	I/O	Description
1	BATT IN	I	BATT ON/OFF input
2	DFP IN	I	Detects whether DFP (front panel) is provided or not.
3	LCD DI	I/O	LCD DRV data input
4	LCD DO	O	Open when not used. LCD DRV data output.
5	LCD CLO	O	LCD DRV clock output.
6	LCD CE	O	LCD DRV CE output.
7	BBE 1	O	BBE select output. Open when not used.
8	CDS DI	I	CDS DATA input.
9	CDS DO	O	CDS DATA output.
10	CDS CLO	O	CDS CLOCK output.
11	CD DI	I	Data input from CD changer. Pulled down when not used.
12	CD DO	O	Data output to CD changer. Open when not used.
13	CD CLI	I	Clock input from CD changer. Open when not used.
14	CD DISP SEL	O	Determines the timing with which data is transferred to the head unit. Open when not used.
15	CD CONNECT	I	CD changer connection check. Pulled down when not used.
16	BBE 2	O	BBE select output. Open when not used.
17	CD CLO	O	Clock output to CD changer. Open when not used.
18	E-VOL CLO	O	Clock output to electronic VR
19	E-VOL DO	O	Data putput to electronic VR
20	E-VOL CE	O	CE output to electronic VR
21	LOC/DX	O	LOC/DX switching output during radio seek (LOC: "H", DX: "L"). Open when not used.
22	DSSA	O	Outputs "H" only when DSSA L/R are operating.
23	NC	-	NC Pulled down.
24	PHONE MUTE	I	Muting control input -20dB. Mute: "L".
25	LEVEL-M	I	Level meter signal input
26	A-VOL CONT	I	Detects microphone input for auto volume operation. Pulled down when not used.
27	VDD	-	Power supply
28	TEST	I	Pulled up when TEST MODE.
29	NC	-	NC Pulled down.
30	NC	-	NC Pulled down.
31	AM/FM S-M	I	AF signal input during RDS AF operation and FM S meter signal input
32	GND	-	Ground
33	REG CPU	-	CPU power regulator
34	VDD	-	Power supply for port
35	REG OSC	-	Regulator for oscillator circuit
36	X-OUT	-	System clock oscillator
37	X-IN	I	System clock oscillator
38	GND	-	Ground for port



IC DESCRIPTION -1/3 (μPD178076GF-560-3BA)-2/3

Pin No.	Pin Name	I/O	Description
39	IF REQ	O	Output to request IF count signal.
40	GND	-	Ground
41	AM IF	I	AM IF count signal input
42	FM IF	I	FM IF count signal input
43	VDD	-	Power supply for PLL
44	FM OSC	I	FM local oscillation input
45	AM OSC	I	AM local oscillation input
46	GND	-	Ground for PLL
47	EO 0	-	NC
48	EO 1	O	Error output from charge pump
49	IC	-	NC Pulled down.
50	RESET	I	System reset input
51	RDS CLI	I	RDS clock input Pulled down when not used.
52	ACC IN	I	ACC(accessory power supply) on/off input
53	RMT IN	I	Remote control input. Pulled up when not used
54	ST IN/SD IN	I	Stop pulse input during FM/AM seek.
55	NC	-	NC Pulled down.
56	ST-BY MUTE	O	Standby/muting output to power amp
57	POWER CONT	O	Unit power control output
58	RDS DI	I	RDS data input. Pulled down when not used.
59	BEEP	O	Beep output (3kHz, 50ms)
60	NC	-	NC Pulled down.
61	NC	-	NC
62	BAND CONT	O	AM/FM power switching output AM: "H", FM: "L"
63	CD ACC CONT	O	Transmits the power on/off status of head unit to changer. Open when not used.
64	RDS MODE	O	Outputs "H" during RDS AF operation. Open when not used.
65	POWER MUTE	O	Muting output to power amp
66	NC(CONT 2)	O	LCD DRV power control 2 Open when not used.
67	NC(CONT 1)	O	LCD DRV power control 1 Open when not used.
68	MUTE	O	Audio muting output
69	NC	-	NC Pulled down.
70	NC	-	NC Pulled down.
71	MI-1	I	Diode matrix input for initial setting
72	MI-2		
73	MI-3		
74	MO-1	O	Diode matrix output for initial setting
75	MO-2		
76	MO-3		
77	MO-4		

IC DESCRIPTION -1/3 ( $\mu$ PD178076GF-560-3BA)-3/3

Pin No.	Pin Name	I/O	Description
78	AUX IN	I	AUX JACK SW detect input.
79	CDS SREQ	I	CDS SREQ output.
80	RE1 IN	I	Rotary encoder input 1
81	RE2 IN	I	Rotary encoder input 2
82	GND	-	Ground
83	LM SW	O	FEED MOTER GAIN SW output
84	PANCON1	O	Panel open/close control output
85	PANCON2	O	Panel open/close control output
86	SW1	I	SW1 detect input
87	SW2	I	SW2 detect input
88	NC	-	NC
89	FLAP IN	-	NC Pulled up
90	MF CONT	O	Panel Drive VDD control output
91	SEN1	I	Panel detect input
92	SEN2	I	Panel detect input
93	CDS IN	I	DISC IN detect input
94	CDS RESET	O	CDS RESET output
95	CDS SLEEP	O	CDS SLEEP output
96	CDS CS	O	CDS CS output
97	CDS STOP	-	Pulled down
98	RADIO CONT	O	Radio ON/OFF. Power switching output. Radio on: "H"
99	VDD PORT	-	VDD
100	GND	-	GND

IC DESCRIPTION -2/3 (LC75817W-8720)-1/3

Pin No.	Pin Name	I/O	Description
1	S1	O	Segment driver output pin.
2	S2	O	Segment driver output pin.
3	S3	O	Segment driver output pin.
4	S4	O	Segment driver output pin.
5	S5	O	Segment driver output pin.
6	S6	O	Segment driver output pin.
7	S7	O	Segment driver output pin.
8	S8	O	Segment driver output pin.
9	S9	O	Segment driver output pin.
10	S10	Çn	Segment driver output pin.
11	S11	O	Segment driver output pin.
12	S12	O	Segment driver output pin.
13	S13	O	Segment driver output pin.
14	S14	O	Segment driver output pin.
15	S15	O	Segment driver output pin.
16	S16	O	Segment driver output pin.
17	S17	O	Segment driver output pin.
18	S18	O	Segment driver output pin.
19	S19	O	Segment driver output pin.
20	S20	O	Segment driver output pin.
21	S21	O	Segment driver output pin.
22	S22	O	Segment driver output pin.
23	S23	O	Segment driver output pin.
24	S24	O	Segment driver output pin.
25	S25	O	Segment driver output pin.
26	S26	O	Segment driver output pin.
27	S27	O	Segment driver output pin.
28	S28	O	Segment driver output pin.
29	S29	O	Segment driver output pin.
30	S30	O	Segment driver output pin.
31	S31	O	Segment driver output pin.
32	S32	O	Segment driver output pin.
33	S33	O	Segment driver output pin.
34	S34	O	Segment driver output pin.
35	S35	O	Segment driver output pin.
36	S36	O	Segment driver output pin.
37	S37	O	Segment driver output pin.
38	S38	O	Segment driver output pin.
39	S39	O	Segment driver output pin.

IC DESCRIPTION -2/3 (LC75817W-8720)-2/3

Pin No.	Pin Name	I/O	Description
40	S40	O	Segment driver output pin.
41	S41	O	Segment driver output pin.
42	S42	O	Segment driver output pin.
43	S43	O	Segment driver output pin.
44	S44	O	Segment driver output pin.
45	S45	O	Segment driver output pin.
46	S46	O	Segment driver output pin.
47	S47	O	Segment driver output pin.
48	S48	O	Segment driver output pin.
49	S49	O	Segment driver output pin.
50	S50	O	Segment driver output pin.
51	S51	O	Segment driver output pin.
52	S52	O	Segment driver output pin.
53	S53	O	Segment driver output pin.
54	S54	O	Segment driver output pin.
55	S55	O	Segment driver output pin.
56	S56	-	NC
57	S57	-	NC
58	S58	-	NC
59	S59	-	NC
60	S60/COM10	-	NC
61	COM9	-	NC
62	COM8	O	Common driver output pin.
63	COM7		
64	COM6		
65	COM5		
66	COM4		
67	COM3		
68	COM2		
69	COM1		
70	KS1	-	NC
71	KS2	-	NC
72	KS3	O	Key scan output pin.
73	KS4		
74	KS5		
75	KS6		



IC DESCRIPTION -2/3 (LC75817W-8720)-3/3

Pin No.	Pin Name	I/O	Description
76	K11	I	Key scan input pin.
77	K12		
78	K13		
79	K14		
80	K15		
81	P-1	O	Change illumination(BLUE)
82	P-2	O	Change illumination(RED)
83	P-3	O	Dimmer control pin.
84	P-4	-	NC
85	VDD	I	LOAD/EJECT GAIN Switching Output..
86	VLCD	I	LCD driver power supply pin.
87	VLCD0	O	LCD driver bias 4/4 voltage (H-level) power pin.
88	VKCD1	I	LCD driver bias 3/4 voltage (Intermediate level) power pin.
89	VKCD2	I	LCD driver bias 2/4 voltage (Intermediate level) power pin.
90	VKCD3	I	LCD driver bias 1/4 voltage (Intermediate level) power pin.
91	VKCD4	I	LCD driver bias 0/4 voltage (Intermediate level) power pin.
92	VSS	-	Ground
93	TEST	I	connect to ground.
94	OSC-OUT	O	Oscillator pin.
95	OSC-IN	I	Oscillator pin.
96	INT	O	Display on.
97	DO	O	Output data.
98	CE	I	Chip enable.
99	CL	I	synchronization clock.
100	DI	I	Transfer data.

IC DESCRIPTION -3/3 (TC94A09F-301)-1/3

Pin No.	Pin Name	I/O	Description
1	S1	-	NC (Open)
2	S2	-	NC (Open)
3	S3	-	NC (Open)
4	S4	-	NC (Open)
5	S5	-	NC (Open)
6	S6	-	NC (Open)
7	S7	-	NC (Open)
8	S8	-	NC (Open)
9	S9	-	NC (Open)
10	S10	-	NC (Open)
11	S11	-	NC (Open)
12	S12	-	NC (Open)
13	S13	-	NC (Open)
14	S14	-	NC (Open)
15	P8-0	-	NC (Open)
16	P8-1	-	NC (Open)
17	P8-2	-	NC (Open)
18	P8-3	-	NC (Open)
19	MVDD1	-	Power supply for port
20	MVSS1	-	GND
21	P1-0	I	RST SW BZG-3 Mecha Inside SW input port.
22	P1-1	I	SW1 detect input
23	P1-2	I	SW2 detect input
24	SW3	I	SW3 detect input
25	SRQ	O	output SRQ signal
26	LM SW	O	FEED MOTER GAIN SW output
27	P3-2	-	NC(open)
28	P3-3	O	M-DRIV MUTE output
29	P4-0	-	NC(open)
30	DATA-IN	I	CDS DATA INPUT
31	DATA-OUT	O	CDS DATA OUTPUT
32	CLOCK	I	CDS CLOCK INPUT
33	P2-0	O	CD-DA/RE GAIN SWITCHING OUTPUT
34	P2-1	-	NC(open)
35	P2-2	-	NC(open)
36	P2-3	-	NC(open)
37	IN1	-	GND
38	TESTC	-	NC(open)
39	OT19	-	NC(open)

IC DESCRIPTION -3/3 (TC94A09F-301)-2/3

Pin No.	Pin Name	I/O	Description
40	OT20	-	NC(open)
41	OT21	-	NC(open)
42	OT22	-	NC(open)
43	DOUT	-	NC(open)
44	SBSY	-	NC(open)
45	SBOK	-	NC(open)
46	VDDCP	-	VDD
47	Vss 1	-	GND
48	P2VREF	-	FOR PLL 2 VREF
49	PDO	O	EFM to PLCK difference error signal output
50	TMAX	O	TMAX DETECT output
51	LPFN	I	FOR LOW PASS filter AMP reverse input
52	LPFO	I	FOR LOW PASS filter AMP OUTPUT
53	PVREF	I	FOR PLL VREF
54	VCOF	O	VCO FILTER OUTPUT
55	AVSS	-	ANALOG GND
56	SLCO	O	DATA SLICE LEVEL DAC Output
57	RFI	I	RF SIGNAL Input
58	AVDD	-	ANALOG VDD
59	RFCT	I	RFRP SIGNAL CENTER LEVEL INPUT
60	RFZI	I	RFRP ZEROCROSS INPUT
61	RFRP	I	RF RIPPLE SIGNAL INPUT
62	FEI	I	FOCUS ERROR SIGNAL INPUT
63	SBAD	I	SUB BEAM INCLUDE SIGNAL INPUT
64	TEI	I	TRACKING ERROR INPUT
65	TEZI	I	TRACKING ERROR ZERO CROSS INPUT
66	FOO	O	FOCUS EQUALIZER OUTPUT
67	TRO	O	TRACKING EQUALIZER OUTPUT
68	VREF	-	ANALOG Reference VDD
69	RFGC	O	RF APLITUDE CONTROL SIGNAL OUTPUT
70	TEBC	O	TRACKING BALANCE CONTROL SIGNAL OUTPUT
71	FMO	O	FOCUS EQUALIZER OUTPUT
72	DMO	O	DISC EQUALIZER OUTPUT
73	2VREF	-	ANALOG Reference VDD
74	SEL	O	APC CIRCUIT ON/OFF SIGNAL OUTPUT
75	VDD2	-	VDD2
76	VSS2	-	GND2
77	XVSS	-	For XTAL GND
78	XI	I	XTAL INPUT

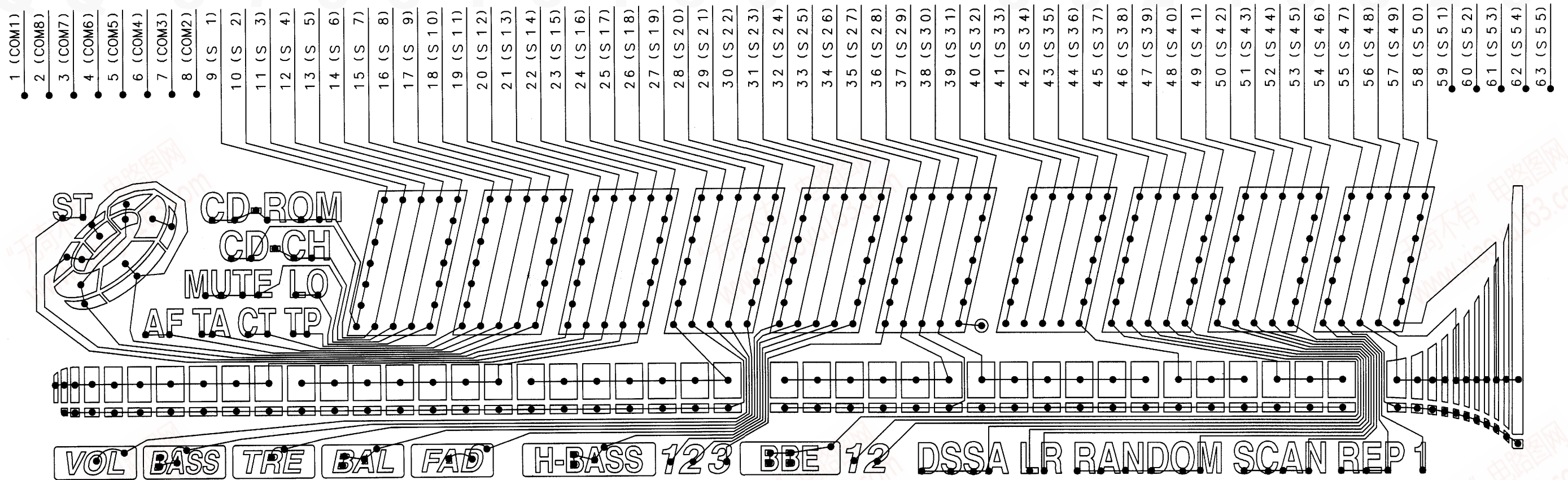
IC DESCRIPTION -3/3 (TC94A09F-301)-3/3

Pin No.	Pin Name	I/O	Description
79	XO	O	XTAL OUTPUT
80	XVDD	-	For XTAL VDD
81	DVSR	-	Rch D/A CONVERTER GND
82	RO	O	Rch DATA OUTUT
83	DVRR	-	Rch Reference VDD
84	DVDD	-	D/A CONVERTER VDD
85	DVRL	-	Lch Reference VDD
86	LO	O	Lch DATA OUTUT
87	DVSL	-	Lch D/A CONVERTER GND
88	TESTM	-	GND
89	VPP	-	GND
90	RESET	I	RESET SIGNAL INPUT
91	HOLD	I	Pulled UP
92	CS	I	COMMUNICATION CONTROL INPUT
93	MXO	-	NC(open)
94	MXI	-	PULL DOWN
95	MVSS2	-	GND
96	MVDD2	-	VDD
97	COM1	-	NC(open)
98	COM2	-	NC(open)
99	COM3	-	NC(open)
100	COM4	-	NC(open)

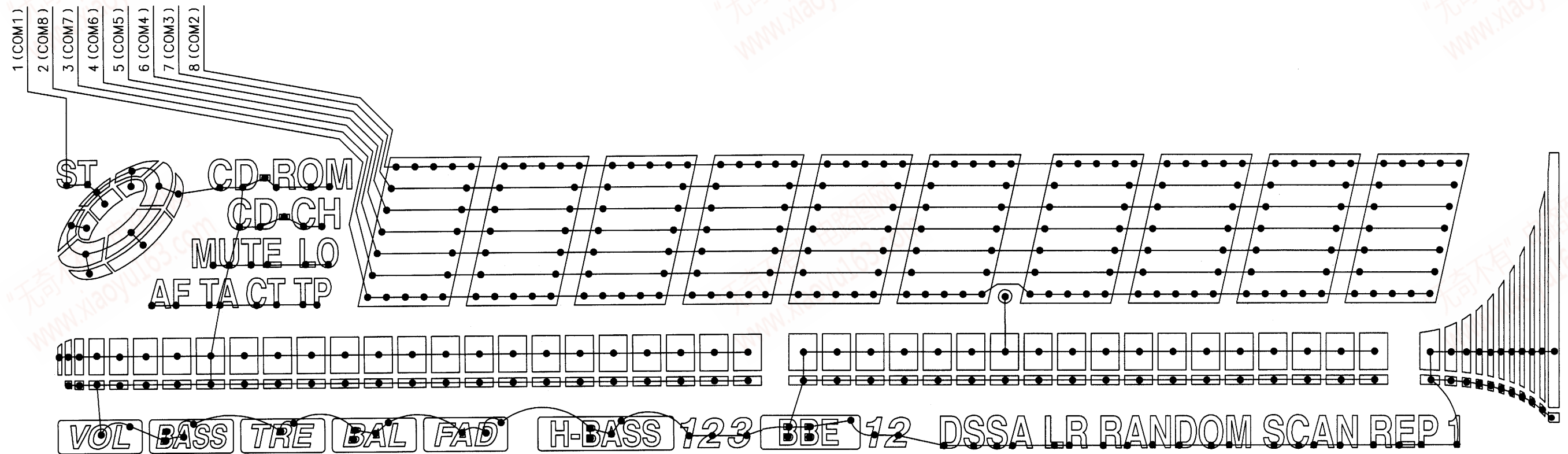


LCD DISPLAY - 1/1 (CKC-4)

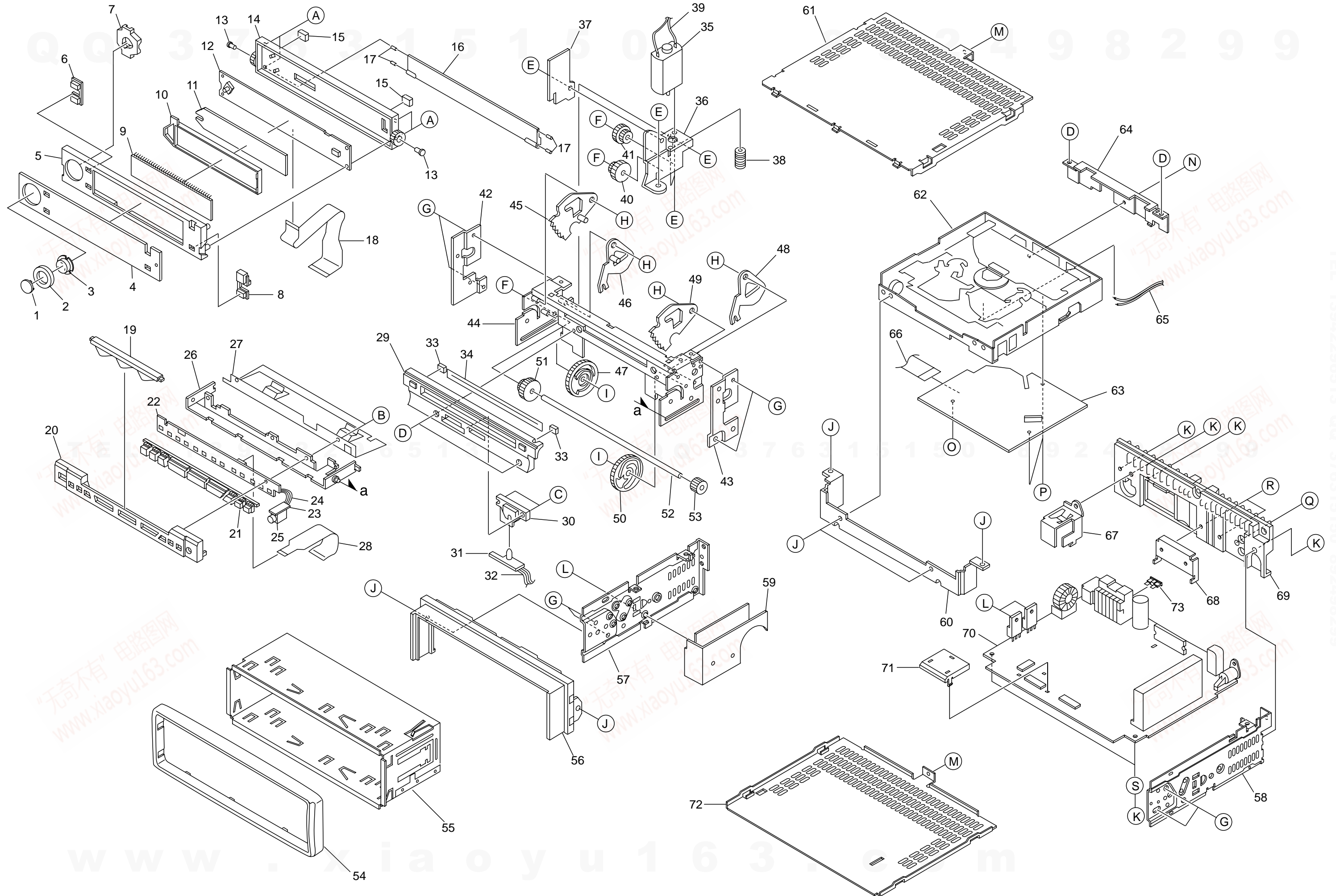
SEGMENT



COMMON



MECHANICAL EXPLODED VIEW -1/1





MECHANICAL PARTS LIST -1/2

! = SAFETY PARTS  
C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
	O	MC1001	8C-KC6-011-010	CAP, RTRY VOL	a
	O	MC1002	8C-KC6-012-010	RING,RTRY VOL	a
	O	MC1003	8C-KC6-010-010	LENS,RTRY VOL	a
	O	MC1004	8C-KC4-001-010	WINDOW,LCD X927M	a
	O	MC1005	8C-KC6-001-010	CABI,FRONT	a
	O	MC1006	8C-KC6-009-010	BTN,UP/DOWN	a
	O	MC1007	8C-KC6-201-010	LENS,LED VOL	a
	O	MC1008	8C-KC6-008-010	BTN,EJECT	a
	O	MC1009	8C-KC4-620-010	LCD,CKC-4	a
	X	MC1010	8C-KC6-203-010	BASE,LCD	a
	X	MC1011	8C-KC6-202-010	LENS,LCD	a
	X	MC1012	8C-KC4-603-010	PWB,DISP	a
	O	MC1013	8B-KC7-215-010	SHAFT,FLAP L/R	a
	O	MC1014	8C-KC6-002-010	CABI,REAR	a
	O	MC1015	8B-KC7-222-010	PLATE,MAGNET	a
	O	MC1016	8C-KC6-014-010	PANEL,BOARD-C	a
	O	MC1017	8C-KC6-223-010	SHAFT,BOARD	a
	O	MC1018	8B-KC7-611-010	PWB,FLEX DISP	a
	O	MC1019	8C-KC6-005-010	LENS,BAR	a
	O	MC1020	8C-KC4-002-010	CABI,BTN	a
					CDC-X927M YUCSTF
	O	MC1021	8C-KC6-013-110	BTN,PRESET YU	a
	X	MC1022	8C-KC4-604-010	PWB,KEY	a
	X	MC1023	8C-KC4-605-010	PWB,AUX	a
	O	MC1024	8B-KC1-602-010	F-CABLE,4P (AUX-W/S)	a
	O	MC1025	87-A61-753-010	JACK,3.6 BLK HSJ1494-01 -020	a
	O	MC1026	8C-KC6-212-010	CHAS,BTN ASSY	a
	X	MC1026a	8C-KC6-207-010	CHAS,BTN	a
	X	MC1026b	8B-KC7-206-010	SHAFT,PANEL-SW	a
	X	MC1027	8C-KC6-213-010	SH,L-C	a
	O	MC1028	8B-KC7-612-010	PWB,FLEX KEY	a
	O	MC1029	8C-KC6-006-010	CABI,BASE	a
	O	MC1030	8B-KC7-022-010	LENS,CD	a
	X	MC1031	8C-KC4-607-010	PWB,LED	a
	O	MC1032	8B-KC1-603-010	F-CABLE,2P (PWB LED)	a
	O	MC1033	85-ZL3-203-010	MAGNET,ACU	a
	O	MC1034	8B-KC7-208-010	COVER, DUST	a
	O	MC1035	87-A91-054-010	MOT,FF-050SK	a
	O	MC1036	8A-ZL2-211-310	HLDR ASSY,MOT	a
	X	MC1036a	8A-ZL2-212-210	HLDR,MOT	a
	X	MC1036b	8A-ZL2-213-110	SHAFT,HLDR MOT-1	a
					CDC-X927M YUCSTF
	X	MC1036c	8A-ZL2-214-110	SHAFT,HLDR MOT-2	a
	X	MC1037	8C-KC4-606-010	PWB,SENS	a
	O	MC1038	8A-ZL2-241-010	GEAR,WORM	a
	O	MC1039	8B-KC7-618-010	F-CABLE,2P MOT	a
	O	MC1040	8A-ZL2-243-010	GEAR,L-1	a
	O	MC1041	8A-ZL2-242-010	WORM-WHL,	a
	O	MC1042	8B-KC7-209-010	HLDR,SP-L	a
	O	MC1043	8B-KC7-210-010	HLDR,SP-R	a
	O	MC1044	8A-ZL2-201-210	FRAME ASSY,MAIN	a
	X	MC1044a	8A-ZL2-202-110	FRAME,MAIN	a
	X	MC1044b	8A-ZL2-203-110	SHAFT,FRAME CAM	a
	X	MC1044c	8A-ZL2-204-110	SHAFT,FRAME LEVER	a
	O	MC1045	8A-ZL2-231-110	LEVER ASSY,GEAR R	a
	X	MC1045a	8A-ZL2-232-010	LEVER,GEAR L-R	a
	X	MC1045b	8A-ZL2-233-110	SHAFT,LEVER GEAR L-R	a
	O	MC1046	8A-ZL2-221-110	LEVER ASSY,L	a
	X	MC1046a	8A-ZL2-222-010	LEVER,L-R	a
	X	MC1046b	8A-ZL2-223-110	SHAFT,LEVER L-R	a
	O	MC1047	8A-ZL2-246-010	GEAR,CAM L	a
	O	MC1048	8A-ZL2-226-110	LEVER ASSY,R	a
					CDC-X927M YUCSTF
	X	MC1048a	8A-ZL2-222-010	LEVER,L-R	a
	X	MC1048b	8A-ZL2-223-110	SHAFT,LEVER L-R	a
	O	MC1049	8A-ZL2-236-110	LEVER ASSY,GEAR R	a
	X	MC1049a	8A-ZL2-232-010	LEVER,GEAR L-R	a
	X	MC1049b	8A-ZL2-233-110	SHAFT,LEVER GEAR L-R	a
	O	MC1050	8A-ZL2-247-010	GEAR,CAM R	a
	O	MC1051	8A-ZL2-244-010	GEAR,L-2	a
	O	MC1052	8A-ZL2-251-110	SHAFT,COUNTER	a
	O	MC1053	8A-ZL2-245-010	GEAR,R	a
	O	MC1054	8B-KC7-024-110	CABI,TRIM	a
	O	MC1055	8Z-KC1-231-110	HLDR,HALF -C	a
	O	MC1056	8B-KC7-023-110	CABI,BASE AROUND	a
	O	MC1057	8B-KC1-213-110	CHAS,SIDE L-BC	a
	O	MC1058	8B-KC1-214-110	CHAS,SIDE R-BC	a
	O	MC1059	8B-KC9-207-010	HLDR,TR3-B9	a
	X	MC1060	8C-KC4-201-010	HLDR,MECHA FR	a
	X	MC1061	8C-KC4-203-010	COVER, BOTTOM KC4	a
	X	MC1062	M8-BZG-393-040	BZG-3 CNF	a
	X	MC1063	A8-CZA-590-040	CZA-5 TOSNF	a
	O	MC1064	8B-KCG-247-010	HLDR,MECHA AS-BC	a

MECHANICAL PARTS LIST -2/2

! = SAFETY PARTS  
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
	O	MC1065	8C-KC4-612-010	F-CABLE, 2P 40MM GRN/GRY	a
	O	MC1066	8C-KCG-661-010	FF-CABLE, 20P 1.0 90MM	a
	X	MC1067	8A-KC7-225-110	HLDR, CD-AC	a
	X	MC1068	8A-KC7-224-010	HLDR, P-IC -AC	a
	X	MC1069	8C-KCG-241-010	PANEL, HT-SINK U2C	a
	X	MC1070	8C-KC4-601-010	PWB, MAIN (CKC-4)	a
	X	MC1071	8C-KC6-204-010	COVER, PWB FLEX	a
	O	MC1072	8B-KC1-201-010	COVER, BT RDS	a
	! S	MC1073	8B-KC1-621-010	FUSE, 15A 32V	a
	O	MC1A	8Z-KC1-253-010	S-SCREW, PT 2*8 BH+ BLK	a
	O	MC1B	8C-KC6-219-010	S-SCREW, H2-1.4-5	a
	O	MC1C	8Z-KC1-254-010	S-SCREW, PT 2*5 BH+ BLK	a
	O	MC1D	87-B10-216-010	U+2.6-4.0 ZINC BLK (BH M2.6)	a
	O	MC1E	87-261-032-210	V+2-3	a
	O	MC1F	87-067-800-010	W-P, 1.5-3.5-0.25 SLT	a
	O	MC1G	87-251-070-410	U+2.6-3	a
	O	MC1H	87-078-018-010	W-P, 1.55-3.5-0.25 C-CUT	a
	O	MC1I	87-067-272-010	W-P, 2.1-4-0.25 SLIT	a
	O	MC1J	8Z-KC1-251-010	S-SCREW, TH2.6-4.0-0.8	a
	O	MC1K	87-251-073-410	U+2.6-6	a
					CDC-X927M YUCSTF
	O	MC1L	87-B10-336-010	VTT+2.6-6 W/O	a
	O	MC1M	87-B10-397-010	UTT2+2.6-4 W/O SLOT	a
	O	MC1N	87-081-501-010	VTT+2.6-4	a
	O	MC1O	87-571-032-410	VIT+2-3	a
	O	MC1P	8B-ZG3-287-010	S-SCREW, TH1.7-4 0.5	a
	O	MC1Q	87-B10-259-010	UT2+3.0-10.0 W/O SLOT (BH TAP)	a
	O	MC1R	87-251-097-410	U+3-12	a
	O	MC1S	87-432-903-010	WTE, 2.6	a



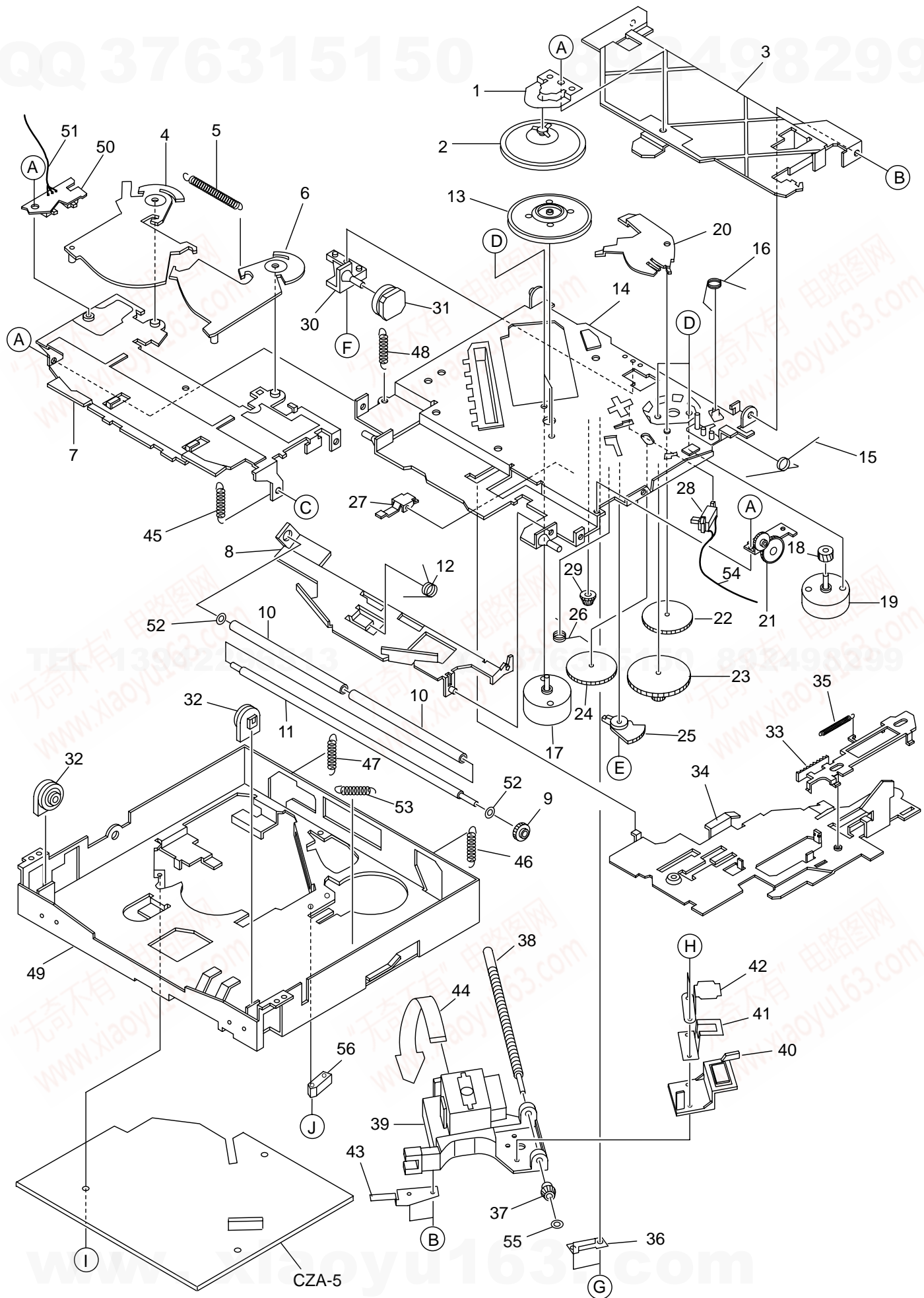
COLOR NAME TABLE -1/1

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange	PT	Transparent Pink
LA	Aqua Blue	GL	Light Green	HT	Transparent Gray
HM	Metallic Gray	NH	Champagne Gold	M	Wood Pattern

TEL: 13942296513 QQ: 376315150 892498299

TEL: 13942296513 QQ: 376315150 892498299

CD MECHANISM EXPLODED VIEW -1/1 (BZG-3CNF)



CD MECHANISM PARTS LIST -1/2 (BZG-3CNF)

! = SAFETY PARTS

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					BZG-3 CNF
	O	SC1001	8B-ZG3-261-110	SPR-P,CD HOLDER SUPORT	a
	O	SC1002	8B-ZG3-232-210	CLAMP,BZG-3	a
	O	SC1003	8B-ZG3-213-010	LEVER,CD HOLDER	a
	O	SC1004	8B-ZG3-215-210	LEVER,CD L	a
	O	SC1005	8B-ZG3-256-310	SPR-E,CD LEVER	a
	O	SC1006	8B-ZG3-214-010	LEVER,CD R	a
	O	SC1007	8B-ZG3-303-010	LEVER,CD UP HOLDER CNF	a
	O	SC1008	8B-ZG3-212-110	LEVER,CD ROLLER	a
	O	SC1009	8B-ZG3-225-010	GEAR,ROLLER	a
	O	SC1010	8A-ZGA-261-010	ROLLER,RUBBER	a
	O	SC1011	8B-ZG3-241-110	SHAFT,ROLLER	a
	O	SC1012	8B-ZG3-252-010	SPR-T,ROLLER	a
	O	SC1013	8B-ZG3-231-010	TURN TABLE,BZG-3	a
	O	SC1014	8B-ZG3-201-210	CHAS ASSY,BZG-3	a
	X	SC1014a	8B-ZG3-284-010	SHAFT,FLOAT FRONT	a
	X	SC1014b	8B-ZG3-202-210	CHAS ASSY,OUT-SERT	a
	X	SC1014c	8B-ZG3-203-210	CHAS,MAIN	a
	X	SC1014d	8B-ZG3-285-010	SHAFT,GEAR DIR	a
	O	SC1015	8B-ZG3-250-010	SPR-T,CLAMP	a
	O	SC1016	8B-ZG3-253-010	SPR-T,CD SENSOR	a
					BZG-3 CNF
	O	SC1017	87-A92-091-010	MOT,M25E-4	a
	O	SC1018	8B-ZG3-220-010	GEAR,MOT	a
	O	SC1019	87-A92-092-010	MOT,M25E-10	a
	O	SC1020	8B-ZG3-209-110	LEVER ASSY,MODE CH	a
	X	SC1020a	8B-ZG3-210-110	LEVER,MODE CH	a
	X	SC1020b	8B-ZG3-283-010	SHAFT,GEAR 3 DIR	a
	O	SC1021	8B-ZG3-216-010	LEVER ASSY,GEAR HOLDER	a
	X	SC1021a	8B-ZG3-217-010	LEVER,GEAR HOLDER	a
	X	SC1021b	8B-ZG3-224-010	GEAR,SIDE	a
	X	SC1021c	8B-ZG3-226-010	GEAR,WORM ROLLER	a
	X	SC1021d	8B-ZG3-227-010	GEAR,WORM WHL ROLLER	a
	X	SC1021e	8B-ZG3-280-010	SHAFT,GEAR WORM ROLLER	a
	X	SC1021f	8B-ZG3-281-010	SHAFT,GEAR W WHL ROLLER	a
	X	SC1021g	8B-ZG3-282-010	SHAFT,GEAR SIDE	a
	O	SC1022	8B-ZG3-221-010	GEAR,CONNECT	a
	O	SC1023	8B-ZG3-223-010	GEAR,IDL DIR	a
	O	SC1024	8B-ZG3-222-010	GEAR,3 DIR	a
	O	SC1025	8B-ZG3-230-010	GEAR,CAM	a
	O	SC1026	8B-ZG3-251-210	SPR-T,CAM	a
	O	SC1027	8B-ZG3-207-010	LEVER,DIR DOWN	a
					BZG-3 CNF
	O	SC1028	87-A92-094-010	SW,PUSH 2-1 ESE11SFLXQ	a
	O	SC1029	8B-ZG3-229-010	GEAR,WHL SLD	a
	O	SC1030	8B-ZG3-218-010	HLDR,FLOAT REAR	a
	O	SC1031	8B-ZG3-246-010	OIL-DMPR,BZG-3 R	a
	O	SC1032	8B-ZG3-243-010	OIL-DMPR,BZG-3	a
	O	SC1033	8B-ZG3-206-110	LEVER,DIR UP	a
	O	SC1034	8B-ZG3-205-110	LEVER,DIR	a
	O	SC1035	8B-ZG3-255-010	SPR-E,DIR	a
	O	SC1036	8B-ZG3-260-010	SPR-P,LEAD STOP	a
	O	SC1037	8B-ZG3-228-010	GEAR,SLD	a
	O	SC1038	8B-ZG3-240-010	SHAFT,LEAD JVC	a
	O	SC1039	87-A92-093-010	PICKUP,OPTIMA720 JVC	a
	O	SC1040	8B-ZG3-242-210	HLDR,LEAD	a
	O	SC1041	8B-ZG3-263-010	SPR-P,LEAD	a
	O	SC1042	8B-ZG3-247-110	LEVER,LEAD	a
	O	SC1043	8B-ZG3-262-010	SPR-P,PIC UP	a
	O	SC1044	8B-ZG3-607-010	PWB,FLEX PIC 2	a
	O	SC1045	8B-ZG3-258-010	SPR-E,FLOAT FL	a
	O	SC1046	8B-ZG3-266-010	SPR-E,FLOAT RR	a
	O	SC1047	8B-ZG3-267-010	SPR-E,FLOAT RL	a
					BZG-3 CNF
	O	SC1048	8B-ZG3-257-010	SPR-E,FLOAT FR	a
	O	SC1049	8B-ZG3-301-110	CHAS ASSY,HOLDER CNF	a
	X	SC1049a	8B-ZG3-302-010	CHAS,HOLDER CNF	a
	X	SC1049b	8B-ZG3-291-110	SHAFT,SUPPORT A	a
	X	SC1049c	8B-ZG3-292-110	SHAFT,SUPPORT B	a
	X	SC1050	8B-ZG3-602-010	PWB,SUB 35M	a
	X	SC1051	8B-ZG3-605-010	WIRE,CD SENSOR 3P	a
	O	SC1052	8A-ZGA-265-010	SH, 4.5-2.1-0.25 W/O ADH	a
	O	SC1053	8B-ZG3-268-010	SPR-E,PULL FRONT	a
	X	SC1054	8B-ZG3-604-110	WIRE,LIMT 2P	a
	O	SC1055	87-B10-379-010	W-P,1.785-3-0.5	a
	O	SC1056	87-A92-368-010	SW,PUSH 2-1 MPU10420MLB0	a
	O	SC1A	87-357-503-310	VT2+1.4-2	a
	O	SC1B	8B-ZG3-245-010	S-SCREW,CD HLDR	a
	O	SC1C	87-067-393-010	S-SCREW,+1.4-1.4	a
	O	SC1D	87-267-523-310	V+1.7-2	a
	O	SC1E	87-B10-361-010	W-P,1.43-3-0.25 SLIT	a
	O	SC1F	87-571-032-410	VIT+2-3	a
	O	SC1G	87-067-430-010	VT2+1.4-5 SWCH/CR BLK HL	a
	O	SC1H	87-351-527-310	VT2+1.7-3	a

# CD MECHANISM PARTS LIST -2/2 (BZG-3CNF)

- ! = SAFETY PARTS
- C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					BZG-3
					CNF
	O	SC1I	88-ZG8-435-010	S-SCREW,VIT+2-4 PREC	a
	O	SC1J	87-B10-400-010	VIT+2-6 W/O SLOT	a

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OTHER PARTS LIST -1/1

- ! = SAFETY PARTS
- C = Components marked

All components used on this model at the production line are shown in this service manual.  
 However, please note that not all components will be available as spare parts for after-sales service.  
 Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.  
 Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CDC-X927M YUCSTF
	X		8A-ZL2-252-010	SH, 6-8-1.6 W/ADH	a
	X		87-B40-087-010	BAG,PV 0.04-250-350 PL	a
	X		8C-KC4-851-010	CUSHION,LEFT AIS	a
	X		8C-KC4-852-010	CUSHION,RIGHT AIS	a
	X		8C-KCH-854-010	PAD,B	a
	X		87-B40-085-010	BAG,PV 0.04-200-350 PL	a
	X		8C-KTF-907-010	SH,DEMO (14L)F 432	a
	X		8B-KCF-914-010	SH,MFP (14L)-I	a
	X		8C-KC4-920-010	SH,STOPPER (14L)F	a
	X		8C-KC4-970-010	LBL,POP YU	a
	X		87-B40-178-010	BAG,PV 0.04-100-250	a
	X		87-B40-179-010	BAG,PV 0.04-50-100	a
	X		87-B40-154-010	LBL,BAR-CODE CU	a
	X		8C-KC4-205-010	SH, 2-10-0.05 BLK	a
	X		8C-KC6-215-010	SH, 8.4-4.4-0.3 W/ADH	a
	X		8C-KC6-214-010	SH, 9.5-8.2-0.95 W/ADH	a
	X		8C-KC6-210-010	SH,ADH WINDOW	a
	X		8B-KC7-214-010	SH,CABI REAR	a
	X		8C-KC4-204-010	SH,CD MECHA	a
	X		8C-KC6-211-010	SH,CHAS BTN	a
					CDC-X927M YUCSTF
	X		8C-KC6-206-010	SH,LCD	a
	X		8C-KC4-202-010	SH,LCD PIN	a
	X		8C-KC6-205-010	SH,LENS LCD	a
	X		8C-KC6-209-010	SH,MAGNET	a
	X		8C-KC6-218-010	SH,PWB C	a
	X		8Z-KC1-239-010	SH,SBX 1971 -F	a
	X		8B-KCF-904-110	SH,CD-R/RW YU,YL,YH,Y (7L)-I	a
	X		8C-KC4-854-010	CTN,OUTER 927M YUCSTF	a
	X		8C-KC4-853-010	CTN,PRINTED 927M YUCSTF	a
	X		87-B50-096-010	WARR-CARD,C(E) CAR-0104	a
	X		87-B50-097-010	WARR-CARD,C(F) CAR-0104	a
	X		87-B50-055-010	WARR-CARD,USA CUST/CAR AUDIO	a
	X		87-B40-282-010	LBL,BAR-CODE AU 35X8	a
	X		8Z-KC5-014-010	LBL,DHHS	a
	X		8C-KC4-020-010	LBL,SPEC YUC X927M	a

### OTHER PARTS LIST -2/2 (CD MECHANISM BZG-3CNF)

- ! =  $\Delta$  SAFETY PARTS
- C = Components marked

All components used on this model at the production line are shown in this service manual.  
 However, please note that not all components will be available as spare parts for after-sales service.  
 Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.  
 Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					BZG-3
					CNF
	X		M8-BZG-393-040	BZG-3 CNF	a
	X		8B-ZG3-248-110	SH,CLAMP	a
	X		8B-ZG3-270-010	SH,DUMP	a
	X		8B-ZG3-244-310	SH,LVR CD HLDR	a

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